API Well Number: 43013519380000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Haggard 2-16C4	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** ALTAMONT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.	**7. OPERATOR PHONE** 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002	**9. OPERATOR E-MAIL** maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee **11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Mike Haggard	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 4357330755
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 740, ,	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉	**19. SLANT** VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	900 FNL 1000 FWL	NWNW	16	3.0 S	4.0 W	U
Top of Uppermost Producing Zone	1400 FNL 1500 FWL	SENW	16	3.0 S	4.0 W	U
At Total Depth	1400 FNL 1500 FWL	SENW	16	3.0 S	4.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 900	**23. NUMBER OF ACRES IN DRILLING UNIT** 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1600	**26. PROPOSED DEPTH** MD: 11900 TVD: 11900
27. ELEVATION - GROUND LEVEL 5921	**28. BOND NUMBER** 400JU0708	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Duchesne City

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	13.375	0 - 600	54.5	J-55 LT&C	8.8	Class G	758	1.15	15.8
SURF	12.25	9.625	0 - 3600	40.0	N-80 LT&C	9.5	35/65 Poz	433	3.16	11.0
							Premium Lite High Strength	191	1.33	14.2
I1	8.75	7	0 - 9000	29.0	P-110 LT&C	10.5	Premium Lite High Strength	378	2.31	12.0
							Premium Lite High Strength	91	1.91	12.5
L1	6.125	5	8800 - 11900	18.0	HCP-110 LT&C	12.2	50/50 Poz	184	1.47	14.2

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Maria S. Gomez	**TITLE** Principal Regulatory Analyst	**PHONE** 713 997-5038
SIGNATURE	**DATE** 12/20/2012	**EMAIL** maria.gomez@epenergy.com

API NUMBER ASSIGNED
43013519380000

APPROVAL

Permit Manager

RECEIVED: April 01, 2013

Haggard 2-16C4
Sec. 16, T3S, R4W
DUCHESNE COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River (GRRV)	3,138’
Green River (GRTN1)	4,738’
Mahogany Bench	5,638’
L. Green River	7,268’
Wasatch	9,098’
T.D. (Permit)	11,900’

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River (GRRV)	3,138’
	Green River (GRTN1)	4,738’
	Mahogany Bench	5,638’
Oil	L. Green River	7,268’
Oil	Wasatch	9,098’

3. **Pressure Control Equipment:** (Schematic Attached)

A 4.5” by 20.0” rotating head on structural pipe from surface to 600’. A 4.5” by 13 3/8” Smith Rotating Head and 5M Annular from 600’ to 3,200’MD/ 3,191’ TVD on Conductor. A 5M BOP stack, 5M Annular, and 5M kill lines and choke manifold used from 3,200’MD/ 3,191’ TVD to 9,000’MD/ 8,968’ TVD. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,000’MD/ 8,968’ TVD to TD. The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11” 5M x 11” 10M spool, 11” x 10M psi BOP and 5M psi Annular will be nippled up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be

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tested to 250 psi low lest and 4,000 psi high test. The 10M BOP will be installed with 3 ½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

A) Pason monitoring systems with gas monitor 600' – TD.
B) Mud logger with gas monitor – 3,200' MD to TD
C) Choke manifold with one manual and one hydraulic operated choke
D) Full opening floor valve with drill pipe thread
E) Upper and lower Kelly cock
F) Shaker, de-sander and de-silter, and centrifuge.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.
All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations will be based on: 25% excess over gauge hole in the liner section, 10% excess over gauge hole in the intermediate section, and 75% excess on the lead and 50% excess on the tail over gauge hole volume for the surface hole. Actual volumes pumped will be a minimum of the volumes stated above, however, actual hole size will be based on caliper logs in the liner and intermediate sections. Gauge hole will be used for the surface section.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 10.5
Production	WBM	10.5 – 12.2

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Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

Logs:
Mud Log: 3,200' MD - TD.
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 11,900' MD/ 11,868' TVD TD equals approximately 7,529 psi. This is calculated based on a 0.6344 psi/foot gradient (12.2 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 4,918 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,000' MD/ 8,968' TVD = 7,174 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 4,918 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

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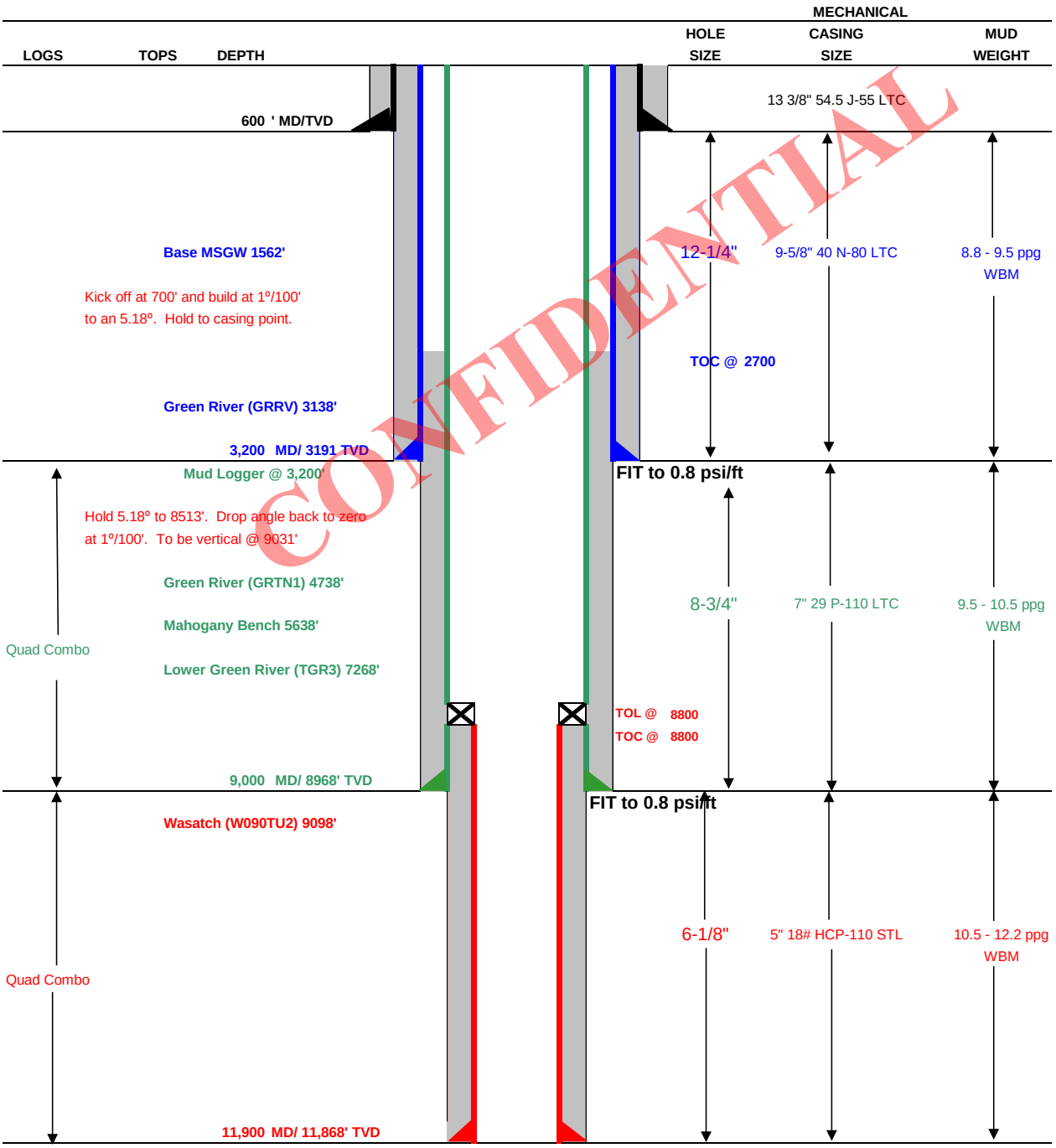
EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	March 25, 2013
Well Name:	Haggard 2-16C4	**TD:**	11,900
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**AFE #:**	
Surface Location:	Sec 16 T3S R4W 900' FNL 1000' FWL	**BHL:**	Sec 16 T3S R4W 1400' FNL 1500' FWL
Objective Zone(s):	Green River, Wasatch	**Elevation:**	5924
Rig:	Precision 404	**Spud (est.):**	

BOPE Info: 5.0 x 13 3/8 rotating head from600' to 3,200' 11 5M BOP stack and 5M kill lines and choke manifold used from 3,200' to 9,000' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9,000' TD to TD



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DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	600	54.5	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0	3200	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0	9000	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	5'	8800	11900	18.00	HCP-110	STL	13,940	13,470	580

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CACL2	758	100%	15.8 ppg	1.15
SURFACE	Lead	2,700	Boral Craig POZ 35%, Mountain G 65%, Bentonite Wyoming 8%, Silicate 5 lbm/sk, Pol-E Flake 0.125 lbm/sk, Kwik Seal 0.25 lb/sk	433	75%	11.0 ppg	3.16
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+ HR-5	191	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	5,300	Hallco-Light-Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	378	10%	12.0 ppg	2.31
	Tail	1,000	Hallco-Light-Premium+0.2% Econolite+ 0.3% Versaset+0.2% Halad322+0.8% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		3,100	Halco- 50/50 Poz Premium Cement+20% SSA-1+0.3% Super CBL+ 0.3% Halad-344+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat	184	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,000'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Joe Cawthorn 713-997-5929

MANAGER: Tommy Gaydos

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EP ENERGY E&P COMPANY, L.P.
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 4.55 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL EAST 2.26 MILES ON A GRAVEL COUNTY ROAD TO AN INTERSECTION;

TURN RIGHT AND TRAVEL SOUTH 0.17 MILES ON A DIRT ROAD TO THE BEGINNING OF THE ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS SOUTHWESTERLY 0.02 MILES TO THE PROPOSED WELL LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.00 MILES.

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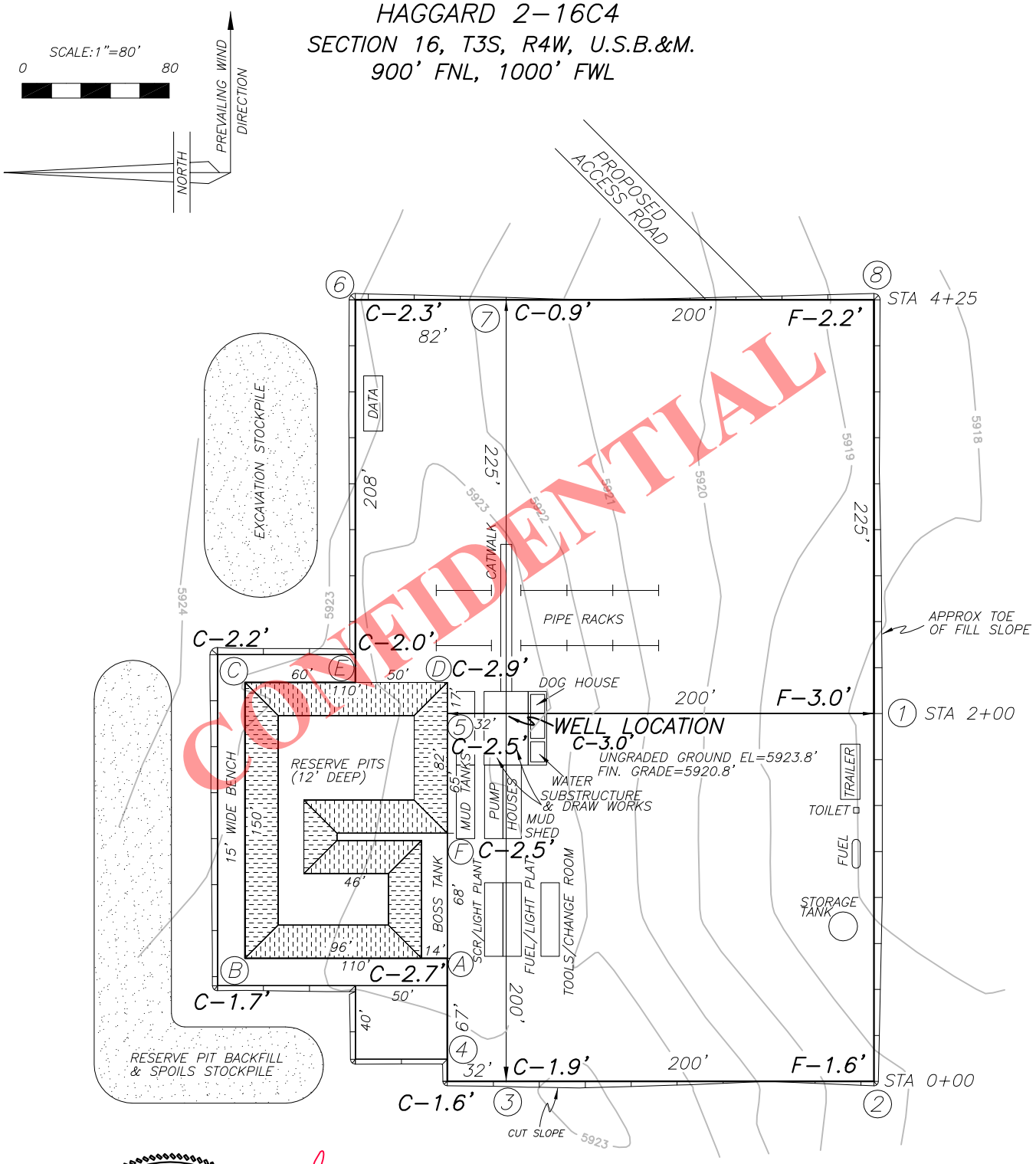
EP ENERGY E & P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL, 1000' FWL



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 NOV '12
STATE OF UTAH

Jerry D. Allred

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

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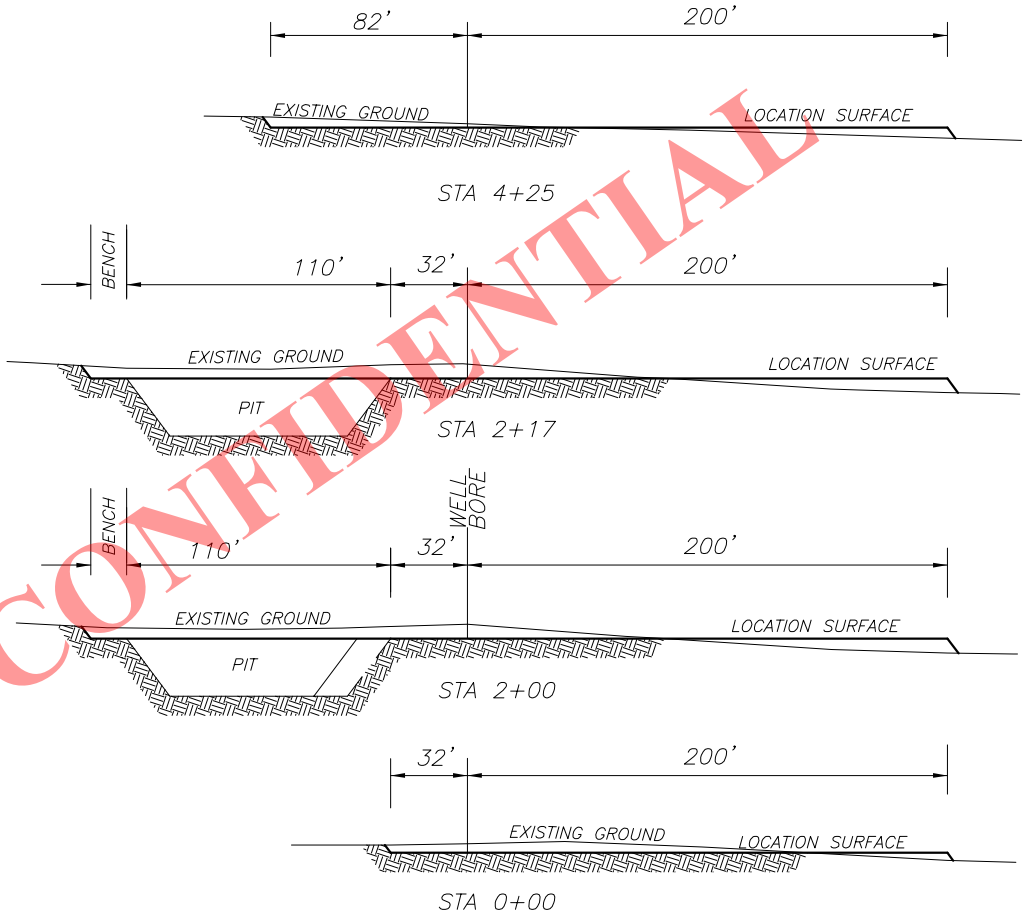
EP ENERGY E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL, 1000' FWL

1"=40'
X-SECTION SCALE
1"=80'

NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 10,880 CU. YDS.

PIT CUT = 4572 CU. YDS.
TOPSOIL STRIPPING: (6") = 2540 CU. YDS.
REMAINING LOCATION CUT = 3768 CU. YDS

TOTAL FILL = 3768 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=37 CU. YDS.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 NOV '12
STATE OF UTAH

6 NOV 2012 01-128-331

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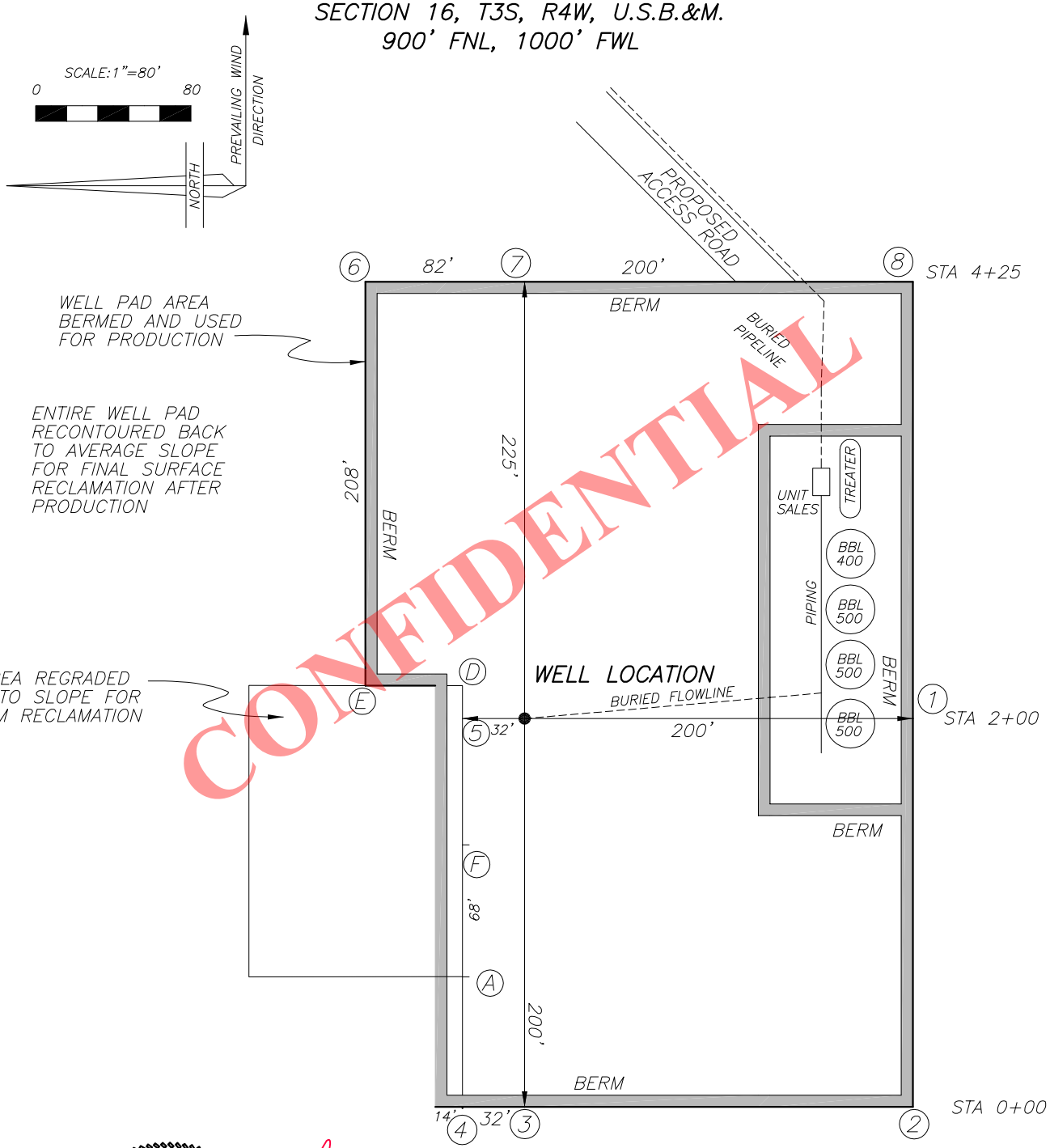
EP ENERGY E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL, 1000' FWL



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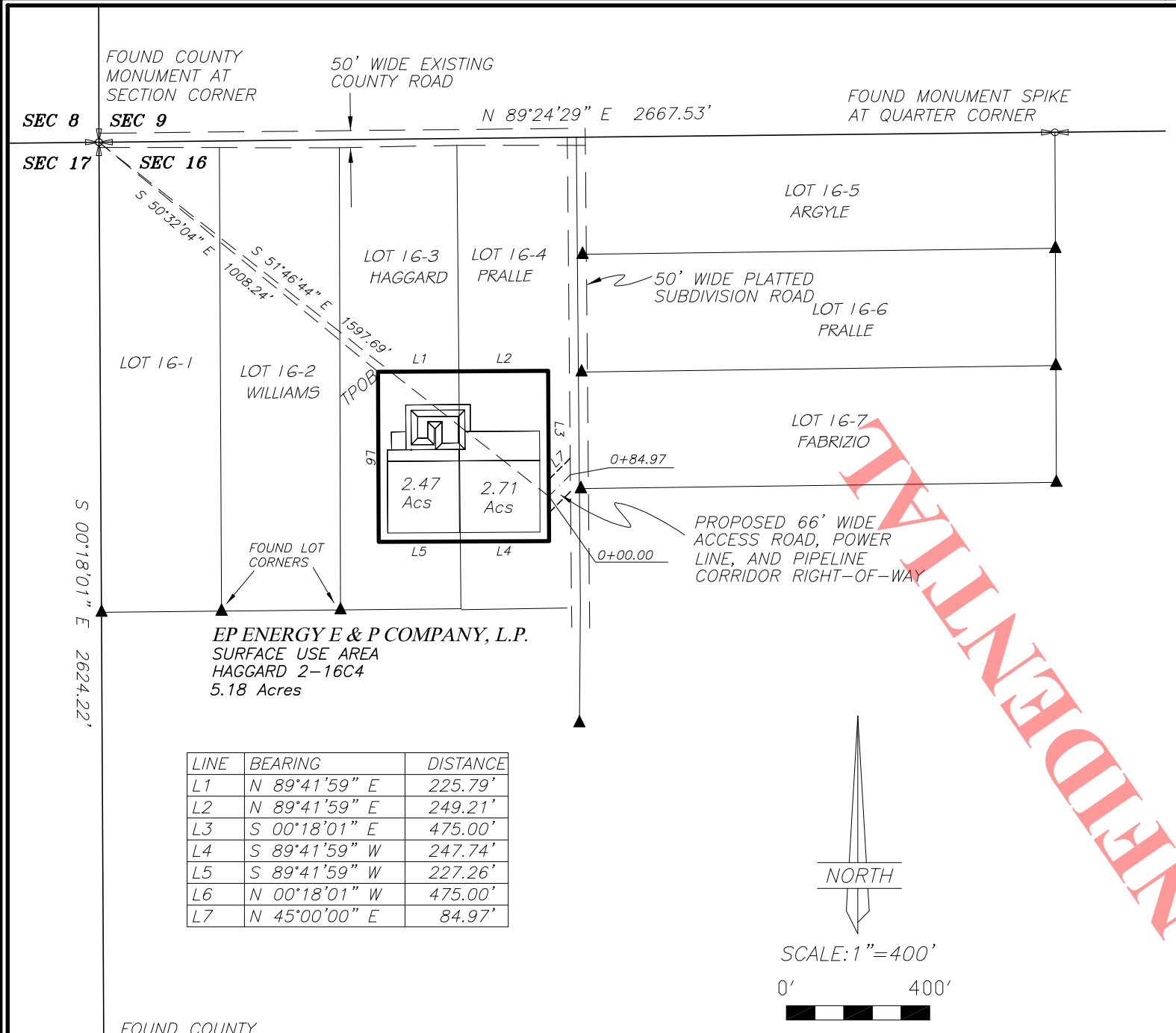

LINE	BEARING	DISTANCE
L1	N 89°41'59" E	225.79'
L2	N 89°41'59" E	249.21'
L3	S 00°18'01" E	475.00'
L4	S 89°41'59" W	247.74'
L5	S 89°41'59" W	227.26'
L6	N 00°18'01" W	475.00'
L7	N 45°00'00" E	84.97'

CONFIDENTIAL

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

EP ENERGY E&P COMPANY, L.P.

HAGGARD 2-16C4

SECTION 16, T3S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the Northwest Corner of Section 16, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 50°32'04" East 1008.24 feet to the TRUE POINT OF BEGINNING;
Thence North 89°41'59" East 475.00 feet;
Thence South 00°18'01" East 475.00 feet;
Thence South 89°41'59" West 475.00 feet;
Thence North 00°18'01" West 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, power line, and pipeline corridor right-of-way over portions of Section 16, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;
Commencing at the Northwest Corner of said Section 16;
Thence South 51°46'44" East 1597.69 feet to the TRUE POINT OF BEGINNING, said point being on the East line of the EP Energy E&P Co. Haggard 2-16C4 well location use boundary;
Thence North 45°00'00" East 84.97 feet to the West line of a platted subdivision roadway. Said right-of-way being 84.97 feet in length with the side lines being shortened or elongated to intersect said use area boundary and said road line.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 NOV '12
STATE OF UTAH

Jerry D. Allred, Professional Land Surveyor, Certificate 148951 (Utah)

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

6 NOV 2012 01-128-331

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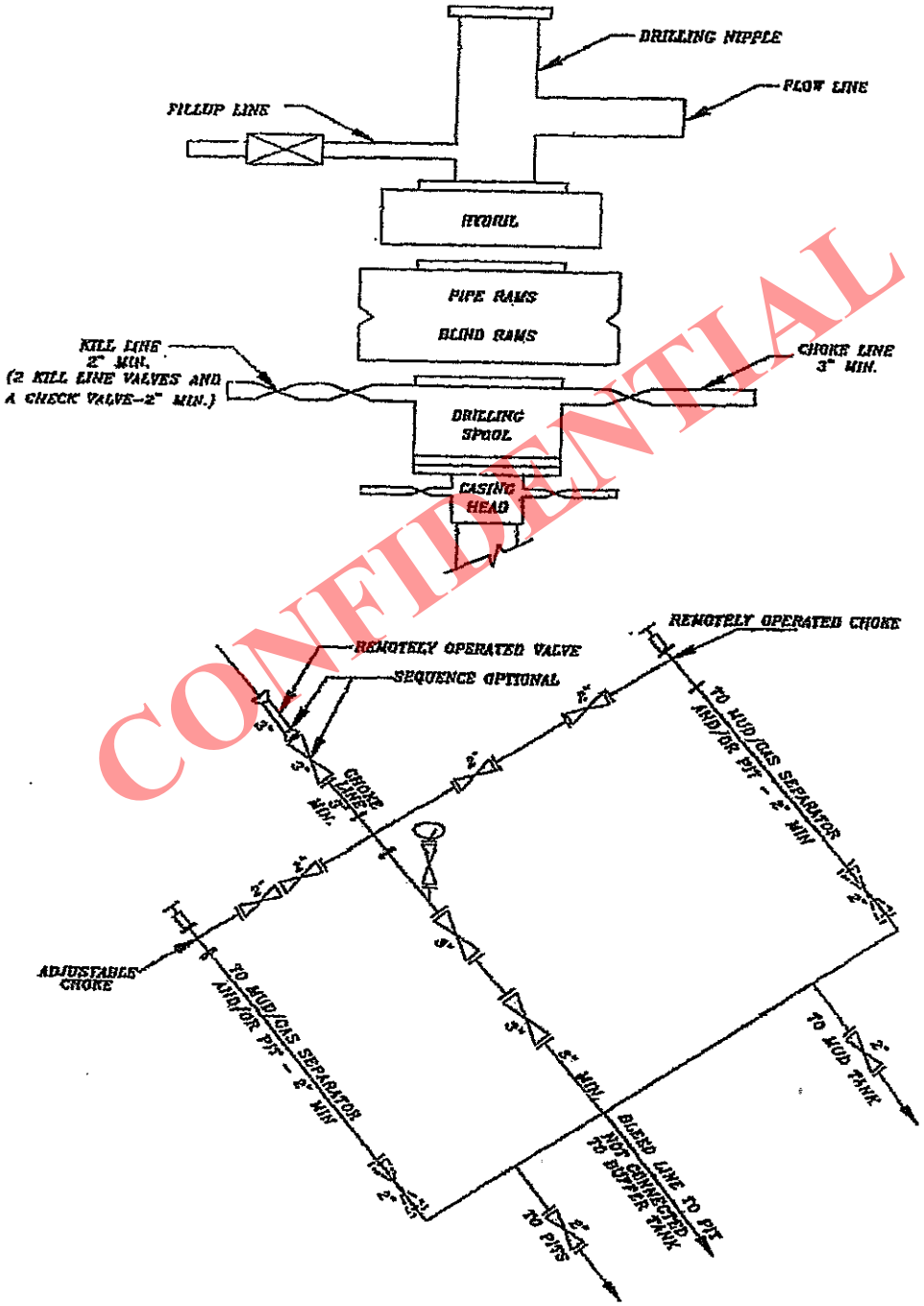
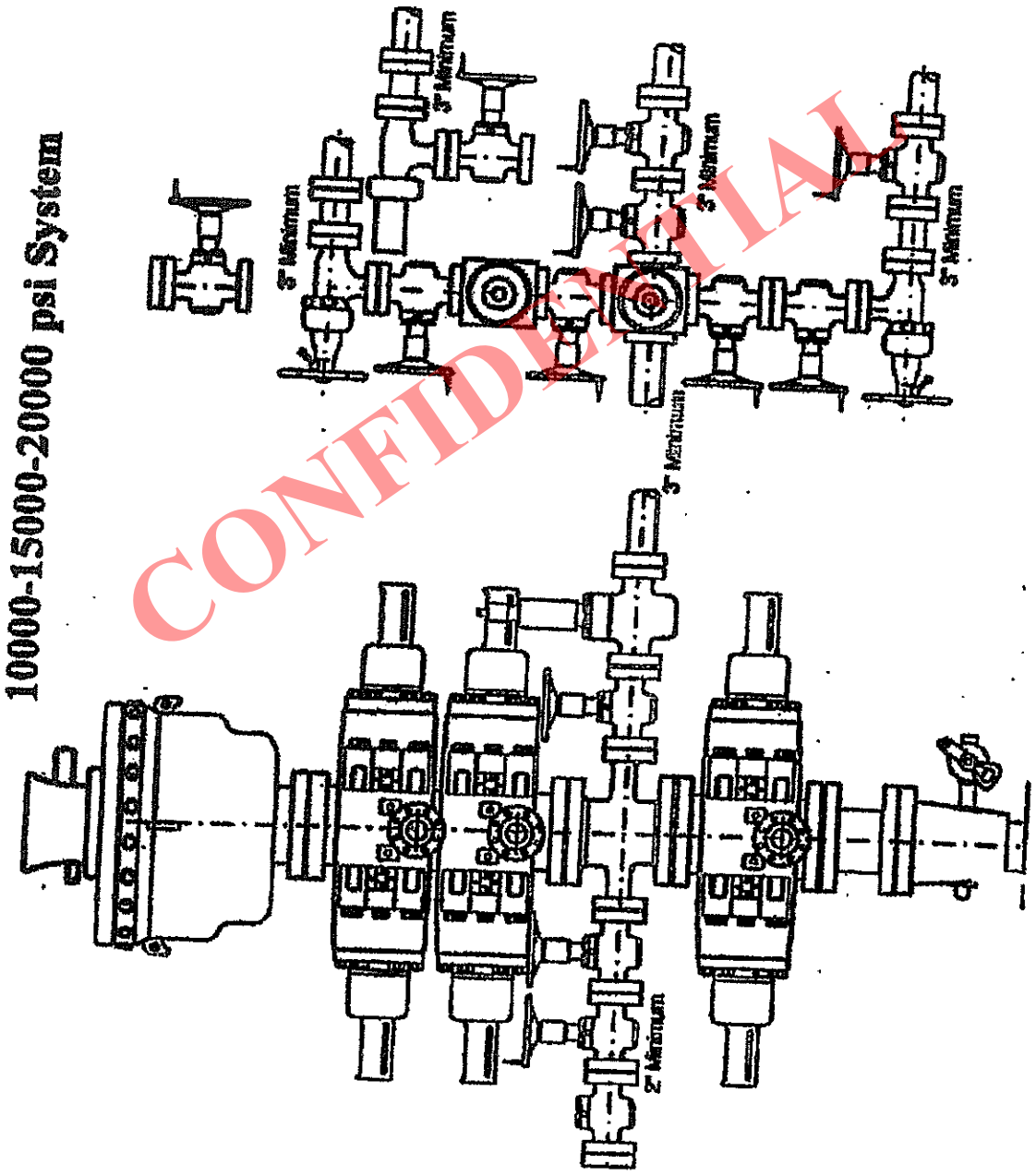
5M BOP STACK and CHOKE MANIFOLD SYSTEM



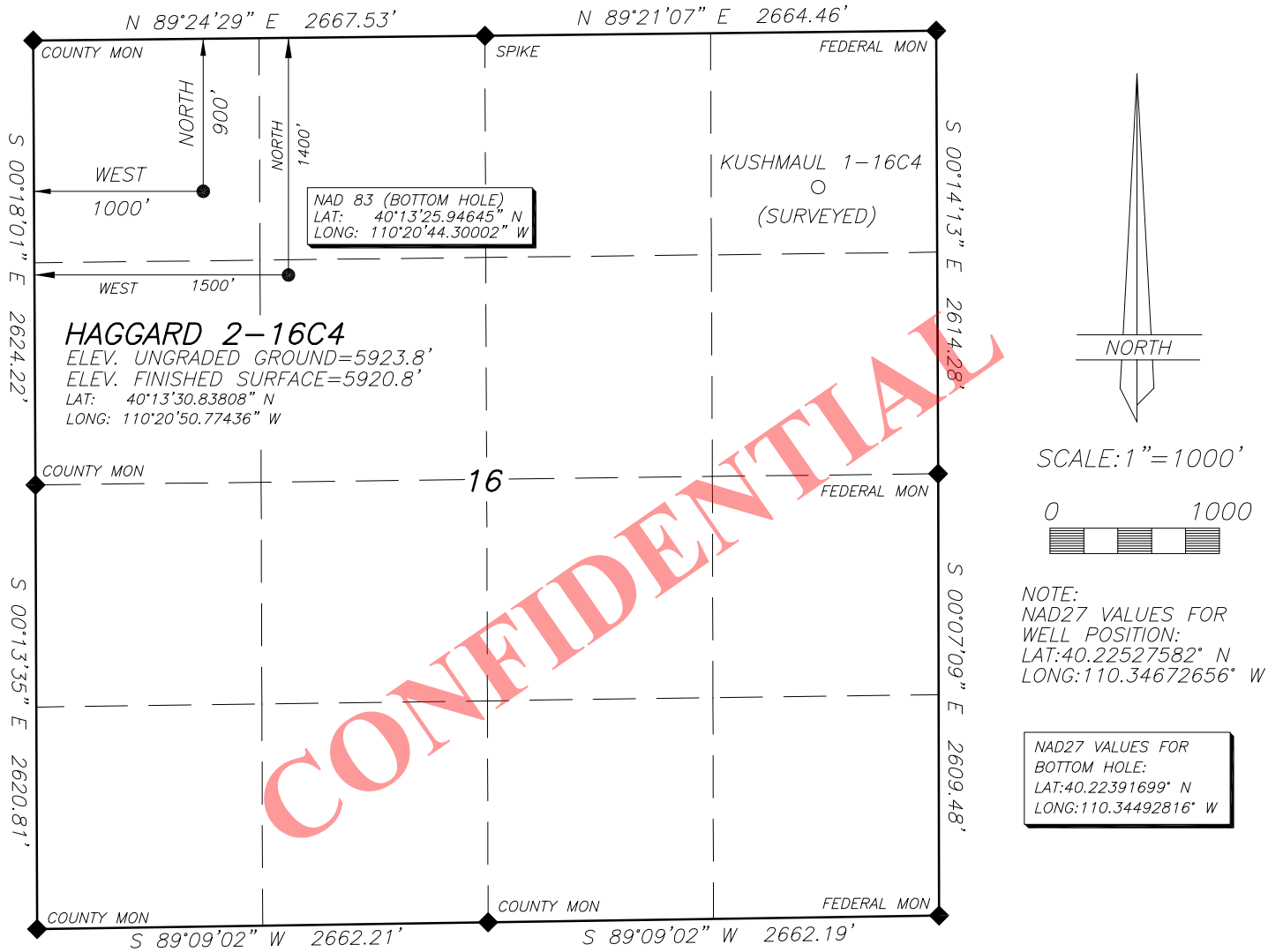


EP ENERGY E & P COMPANY, L.P.

WELL LOCATION

HAGGARD 2–16C4

LOCATED IN THE NW¼ OF THE NW¼ OF SECTION 16, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1"=1000'

0 1000

NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.22527582° N
LONG:110.34672656° W

NAD27 VALUES FOR BOTTOM HOLE:
LAT:40.22391699° N
LONG:110.34492816° W

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

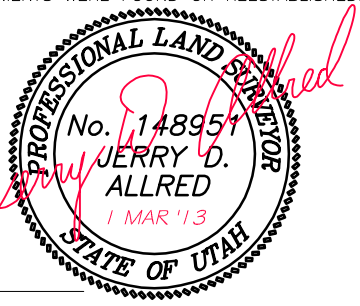
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

REV 1 MAR 2013
6 NOV 2012 01–128–331

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
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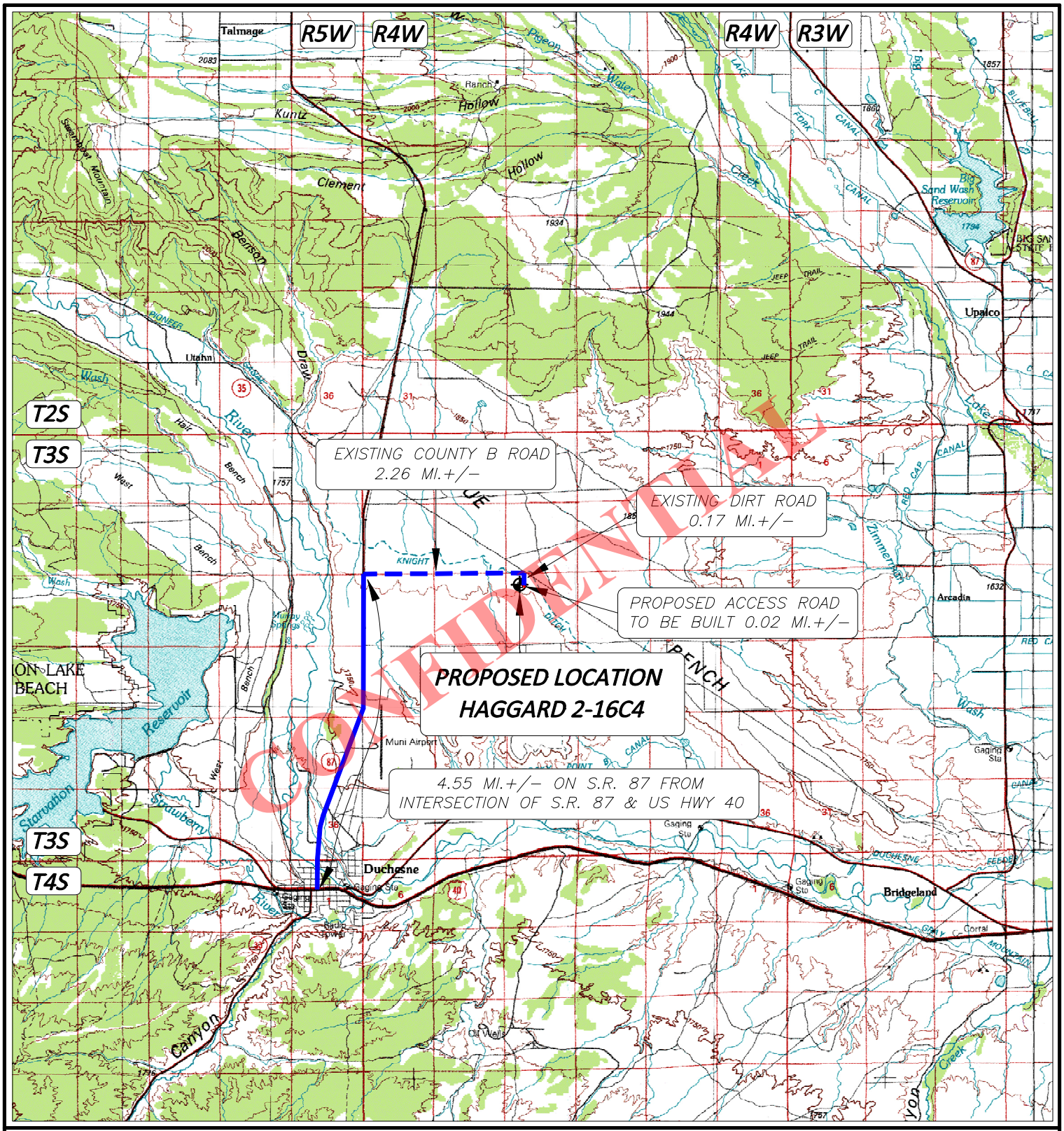

LEGEND:

◆ PROPOSED WELL LOCATION

01-128-331

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NORTH

EP ENERGY E & P COMPANY, L.P.

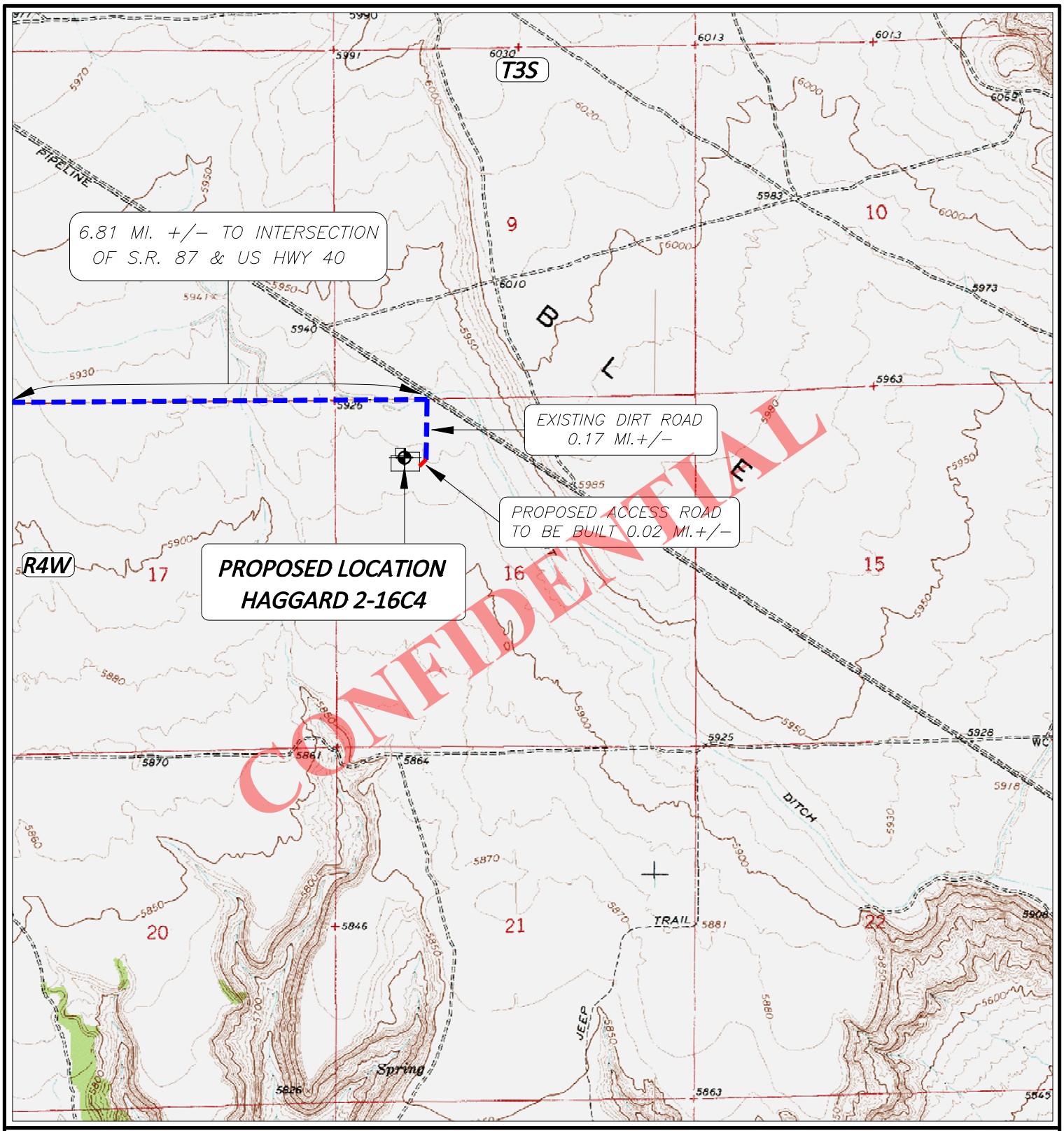
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL 1000' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'
6 Nov 2012

RECEIVED: December 20, 2012

API Well Number: 43013519380000



LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD

01-128-331

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EP ENERGY E & P COMPANY, L.P.

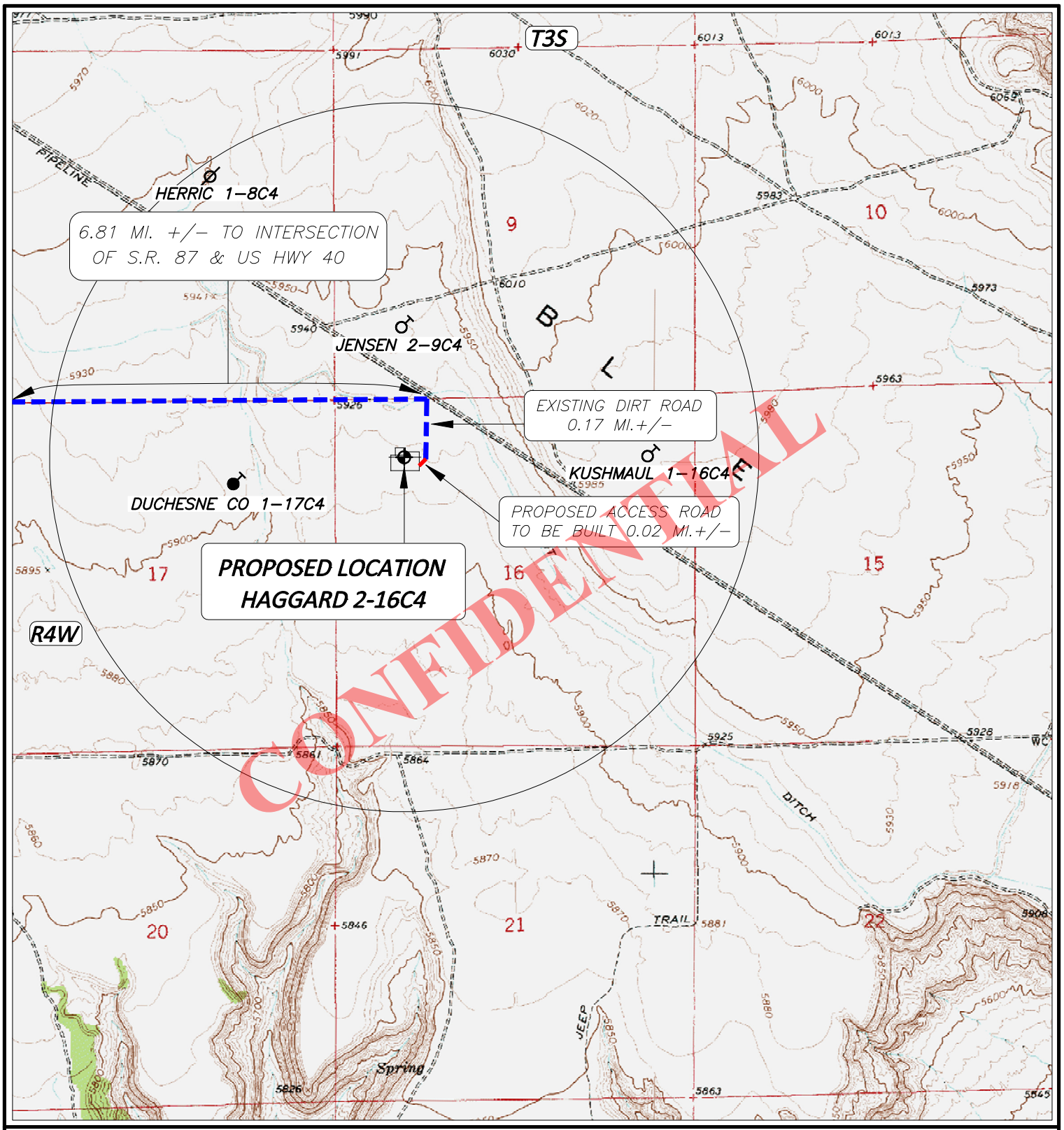
HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL 1000' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
6 NOV 2012

RECEIVED: December 20, 2012

API Well Number: 43013519380000



LEGEND:

PROPOSED WELL LOCATION

01-128-331

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EP ENERGY E & P COMPANY, L.P.

HAGGARD 2-16C4
SECTION 16, T3S, R4W, U.S.B.&M.
900' FNL 1000' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
6 NOV 2012

RECEIVED: December 20, 2012

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Byron Moos personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Byron Moos. I am over the age of 21 and am an Independent Oil and Gas Landman under contract with Transcontinent Oil Company acting as agent for EP Energy E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Haggard 2-16C4 well ("the Well") to be located in the NW/4NW/4 of Section 16, Township 3 South, Range 4 West, USM, Duchesne County, Utah on a portion of Lot 16-3 and Lot 16-4, Uintah View Ranches Subdivision ("the Drill site Location"). The surface owner of that portion of the Drill site location on Lot 16-3, Uintah View Ranches Subdivision, is Mike Haggard whose address is P. O. Box 740, Duchesne, UT 84021. Telephone number 435-733-0755. The surface owner of that portion of the Drill site location on Lot 16-4 is Loretta M. Pralle whose address is 1303 Haylie Lane, Tooele, UT 84074-4117. Telephone number 435-882-5332. ("the Surface Owners").
3. EP Energy and the Surface Owners have entered into Damage Settlement and Release Agreements dated November 12, 2012 and December 4, 2012 to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owner's property as a result of operations associated with the drilling, completion and producing the Well.

FURTHER AFFIANT SAYETH NOT.

Byron Moos

Byron Moos

ACKNOWLEDGMENT

STATE OF UTAH §
§
COUNTY OF DUCHESNE §

This instrument was acknowledged before me on this the 5th day of December, 2012 by Byron Moos as a Landman acting as agent for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Shelley Brennan

Notary Public in and for the State of Utah

SHELLEY BRENNAN
Notary Public, State of Utah
Commission # 578176
My Commission Expires
March 24, 2013

Application for Permit to Drill – State DOGM

1. Haggard 2-16C4
2. Duchesne County, Utah

EP Energy E&P Company, L.P.

Related Surface Information

1. Current Surface Use:

- Livestock Grazing and Oil and Gas Production.

2. Proposed Surface Disturbance:

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .02 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. Location Of Existing Wells:

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. Location And Type Of Drilling Water Supply:

- Drilling water: Duchesne City Water

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .02 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. Construction Materials:

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. Methods For Handling Waste Disposal:

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be place in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. Ancillary Facilities:

- There will be no ancillary facilities associated with this project.

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9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.

1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.

- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Mike Haggard
P.O. Box 740
Duchesne, UT 84021
Phone: 435.733.0755

Loretta M. Pralle
1303 Haylie Lane
Tooele, UT 84074-4117
Phone: 435.882.5332

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

- **Operator and Contact Persons:**

Construction and Reclamation:
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling
EP Energy E&P Company, L.P.
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-997-5929 – office
832-465-2882 – Cell

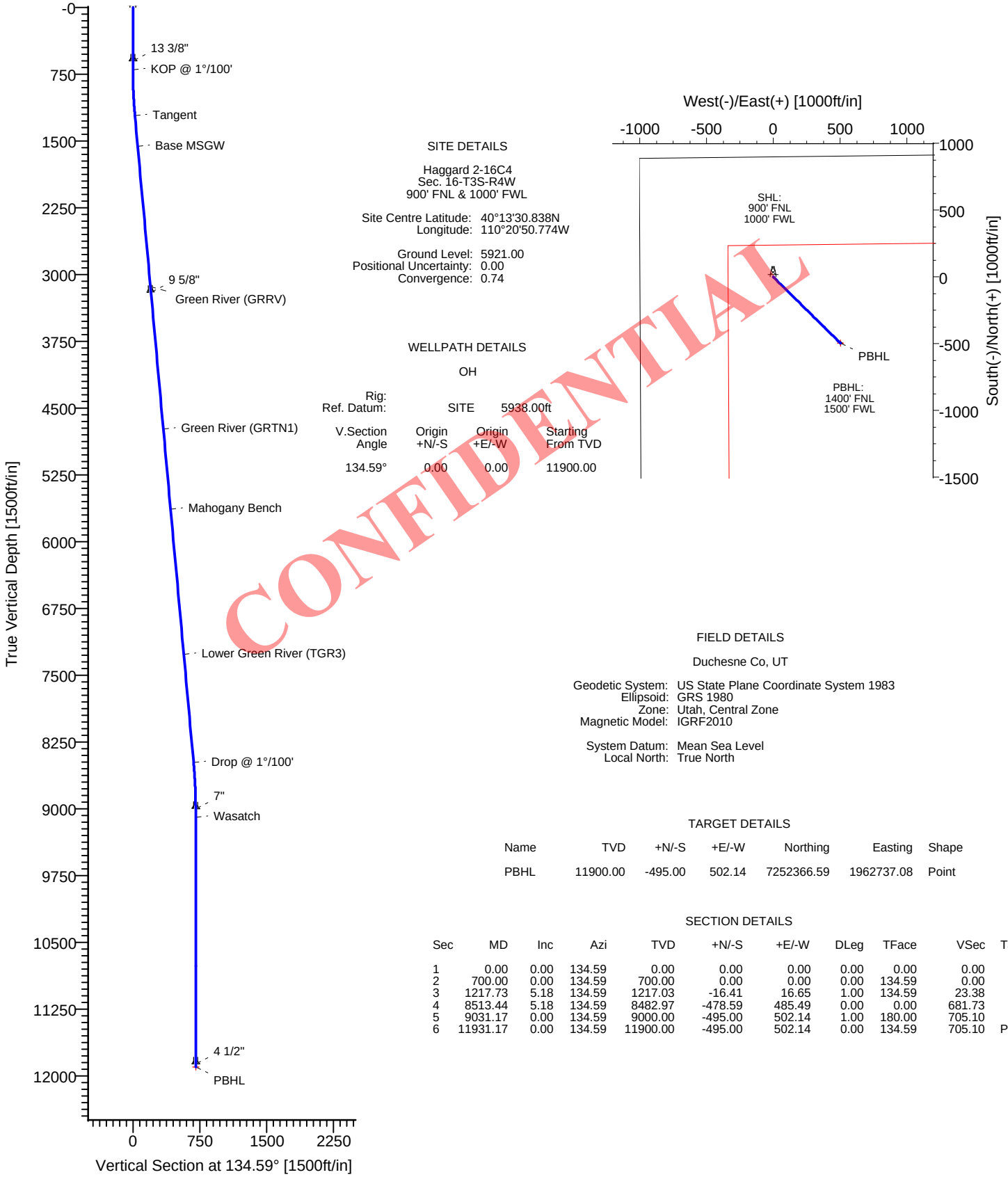
RECEIVED: December 20, 2012

EP Energy

Field: Duchesne Co, UT
Site: Haggard 2-16C4
Well: Haggard 2-16C4
Wellpath: OH
Plan: Plan #1

Azimuths to True North
Magnetic North: 11.23°

Magnetic Field
Strength: 52197nT
Dip Angle: 65.84°
Date: 3/22/2013
Model: IGRF2010



SITE DETAILS

Haggard 2-16C4
Sec. 16-T3S-R4W
900' FNL & 1000' FWL

Site Centre Latitude: 40°13'30.838N
Longitude: 110°20'50.774W

Ground Level: 5921.00
Positional Uncertainty: 0.00
Convergence: 0.74

WELLPATH DETAILS

OH

Rig:
Ref. Datum: SITE 5938.00ft

V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
134.59°	0.00	0.00	11900.00

FIELD DETAILS

Duchesne Co, UT

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: True North

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	11900.00	-495.00	502.14	7252366.59	1962737.08	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	134.59	0.00	0.00	0.00	0.00	0.00	0.00	
2	700.00	0.00	134.59	700.00	0.00	0.00	0.00	134.59	0.00	
3	1217.73	5.18	134.59	1217.03	-16.41	16.65	1.00	134.59	23.38	
4	8513.44	5.18	134.59	8482.97	-478.59	485.49	0.00	0.00	681.73	
5	9031.17	0.00	134.59	9000.00	-495.00	502.14	1.00	180.00	705.10	
6	11931.17	0.00	134.59	11900.00	-495.00	502.14	0.00	134.59	705.10	PBHL

Ryan Directional Services
19510 Oil Center Blvd
Houston, TX 77073
Ph: 281-443-1414
Fx: 281-443-1676

RYAN DIRECTIONAL SERVICES
A NABORS COMPANY

Plan: Plan #1 (Haggard 2-16C4/OH)
Created By: Douglas Hudson Date: 3/22/2013
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____

RECEIVED: March 26, 2013

EP ENERGY

Ryan Directional Services
Planning Report

RYAN DIRECTIONAL SERVICES
A NABORS COMPANY

Company:	EP Energy	**Date:**	3/22/2013	**Time:** 09:46:09	**Page:** 1
Field:	Duchesne Co, UT	**Co-ordinate(NE) Reference:**	Site: Haggard 2-16C4, True North		
Site:	Haggard 2-16C4	**Vertical (TVD) Reference:**	SITE 5938.0		
Well:	Haggard 2-16C4	**Section (VS) Reference:**	Well (0.00N,0.00E,134.59Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Field: Duchesne Co, UT

Map System:	US State Plane Coordinate System 1983	**Map Zone:**	Utah, Central Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Site Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	IGRF2010

Site: Haggard 2-16C4
Sec. 16-T3S-R4W
900' FNL & 1000' FWL

Site Position:		**Northing:**	7252855.08 ft	**Latitude:**	40	13	30.838 N
From:	Geographic	**Easting:**	1962228.61 ft	**Longitude:**	110	20	50.774 W
Position Uncertainty:	0.00 ft			**North Reference:**			True
Ground Level:	5921.00 ft			**Grid Convergence:**			0.74 deg

Well:	Haggard 2-16C4			**Slot Name:**			
Well Position:	**+N/-S** 0.00 ft	**Northing:**	7252855.08 ft	**Latitude:**	40	13	30.838 N
	+E/-W 0.00 ft	**Easting :**	1962228.61 ft	**Longitude:**	110	20	50.774 W
Position Uncertainty:	0.00 ft						

Wellpath:	OH			**Drilled From:**	Surface
				Tie-on Depth:	0.00 ft
Current Datum:	SITE	**Height**	5938.00 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	3/22/2013			**Declination:**	11.23 deg
Field Strength:	52197 nT			**Mag Dip Angle:**	65.84 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	11900.00	0.00	0.00	134.59

Plan:	Plan #1	**Date Composed:**	3/22/2013
		Version:	1
Principal:	Yes	**Tied-to:**	From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	134.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	134.59	700.00	0.00	0.00	0.00	0.00	0.00	134.59	
1217.73	5.18	134.59	1217.03	-16.41	16.65	1.00	1.00	0.00	134.59	
8513.44	5.18	134.59	8482.97	-478.59	485.49	0.00	0.00	0.00	0.00	
9031.17	0.00	134.59	9000.00	-495.00	502.14	1.00	-1.00	0.00	180.00	
11931.17	0.00	134.59	11900.00	-495.00	502.14	0.00	0.00	0.00	134.59	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	134.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	134.59	100.00	0.00	0.00	0.00	0.00	0.00	0.00	Ryan MWD
200.00	0.00	134.59	200.00	0.00	0.00	0.00	0.00	0.00	0.00	Ryan MWD
300.00	0.00	134.59	300.00	0.00	0.00	0.00	0.00	0.00	0.00	Ryan MWD
400.00	0.00	134.59	400.00	0.00	0.00	0.00	0.00	0.00	0.00	Ryan MWD
500.00	0.00	134.59	500.00	0.00	0.00	0.00	0.00	0.00	0.00	Ryan MWD
600.00	0.00	134.59	600.00	0.00	0.00	0.00	0.00	0.00	0.00	13 3/8"
700.00	0.00	134.59	700.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 1°/100'
800.00	1.00	134.59	799.99	-0.61	0.62	0.87	1.00	1.00	0.00	Ryan MWD
900.00	2.00	134.59	899.96	-2.45	2.49	3.49	1.00	1.00	0.00	Ryan MWD
1000.00	3.00	134.59	999.86	-5.51	5.59	7.85	1.00	1.00	0.00	Ryan MWD
1100.00	4.00	134.59	1099.68	-9.80	9.94	13.96	1.00	1.00	0.00	Ryan MWD
1200.00	5.00	134.59	1199.37	-15.31	15.53	21.80	1.00	1.00	0.00	Ryan MWD
1217.73	5.18	134.59	1217.03	-16.41	16.65	23.38	1.00	1.00	0.00	Tangent
1300.00	5.18	134.59	1298.96	-21.62	21.93	30.80	0.00	0.00	0.00	Ryan MWD

RECEIVED: March 26, 2013

EP ENERGY

Ryan Directional Services
Planning Report

RYAN DIRECTIONAL SERVICES
A NABORS COMPANY

Company:	EP Energy	**Date:** 3/22/2013	**Time:** 09:46:09	**Page:**	2
Field:	Duchesne Co, UT	**Co-ordinate(NE) Reference:**	Site: Haggard 2-16C4, True North		
Site:	Haggard 2-16C4	**Vertical (TVD) Reference:**	SITE 5938.0		
Well:	Haggard 2-16C4	**Section (VS) Reference:**	Well (0.00N,0.00E,134.59Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1400.00	5.18	134.59	1398.55	-27.96	28.36	39.82	0.00	0.00	0.00	Ryan MWD
1500.00	5.18	134.59	1498.14	-34.29	34.79	48.85	0.00	0.00	0.00	Ryan MWD
1564.12	5.18	134.59	1562.00	-38.35	38.91	54.63	0.00	0.00	0.00	Base MSGW
1600.00	5.18	134.59	1597.74	-40.63	41.21	57.87	0.00	0.00	0.00	Ryan MWD
1700.00	5.18	134.59	1697.33	-46.96	47.64	66.89	0.00	0.00	0.00	Ryan MWD
1800.00	5.18	134.59	1796.92	-53.30	54.07	75.92	0.00	0.00	0.00	Ryan MWD
1900.00	5.18	134.59	1896.51	-59.63	60.49	84.94	0.00	0.00	0.00	Ryan MWD
2000.00	5.18	134.59	1996.10	-65.97	66.92	93.97	0.00	0.00	0.00	Ryan MWD
2100.00	5.18	134.59	2095.70	-72.30	73.34	102.99	0.00	0.00	0.00	Ryan MWD
2200.00	5.18	134.59	2195.29	-78.64	79.77	112.01	0.00	0.00	0.00	Ryan MWD
2300.00	5.18	134.59	2294.88	-84.97	86.20	121.04	0.00	0.00	0.00	Ryan MWD
2400.00	5.18	134.59	2394.47	-91.31	92.62	130.06	0.00	0.00	0.00	Ryan MWD
2500.00	5.18	134.59	2494.06	-97.64	99.05	139.09	0.00	0.00	0.00	Ryan MWD
2600.00	5.18	134.59	2593.66	-103.98	105.48	148.11	0.00	0.00	0.00	Ryan MWD
2700.00	5.18	134.59	2693.25	-110.31	111.90	157.13	0.00	0.00	0.00	Ryan MWD
2800.00	5.18	134.59	2792.84	-116.65	118.33	166.16	0.00	0.00	0.00	Ryan MWD
2900.00	5.18	134.59	2892.43	-122.98	124.75	175.18	0.00	0.00	0.00	Ryan MWD
3000.00	5.18	134.59	2992.02	-129.32	131.18	184.20	0.00	0.00	0.00	Ryan MWD
3100.00	5.18	134.59	3091.62	-135.65	137.61	193.23	0.00	0.00	0.00	Ryan MWD
3146.57	5.18	134.59	3138.00	-138.60	140.60	197.43	0.00	0.00	0.00	Green River (GRRV)
3200.00	5.18	134.59	3191.21	-141.99	144.03	202.25	0.00	0.00	0.00	Ryan MWD
3208.83	5.18	134.59	3200.00	-142.55	144.60	203.05	0.00	0.00	0.00	9 5/8"
3300.00	5.18	134.59	3290.80	-148.32	150.46	211.28	0.00	0.00	0.00	Ryan MWD
3400.00	5.18	134.59	3390.39	-154.66	156.89	220.30	0.00	0.00	0.00	Ryan MWD
3500.00	5.18	134.59	3489.98	-160.99	163.31	229.32	0.00	0.00	0.00	Ryan MWD
3600.00	5.18	134.59	3589.58	-167.33	169.74	238.35	0.00	0.00	0.00	Ryan MWD
3700.00	5.18	134.59	3689.17	-173.66	176.17	247.37	0.00	0.00	0.00	Ryan MWD
3800.00	5.18	134.59	3788.76	-180.00	182.59	256.39	0.00	0.00	0.00	Ryan MWD
3900.00	5.18	134.59	3888.35	-186.33	189.02	265.42	0.00	0.00	0.00	Ryan MWD
4000.00	5.18	134.59	3987.94	-192.67	195.44	274.44	0.00	0.00	0.00	Ryan MWD
4100.00	5.18	134.59	4087.54	-199.00	201.87	283.47	0.00	0.00	0.00	Ryan MWD
4200.00	5.18	134.59	4187.13	-205.34	208.30	292.49	0.00	0.00	0.00	Ryan MWD
4300.00	5.18	134.59	4286.72	-211.67	214.72	301.51	0.00	0.00	0.00	Ryan MWD
4400.00	5.18	134.59	4386.31	-218.01	221.15	310.54	0.00	0.00	0.00	Ryan MWD
4500.00	5.18	134.59	4485.90	-224.34	227.58	319.56	0.00	0.00	0.00	Ryan MWD
4600.00	5.18	134.59	4585.50	-230.68	234.00	328.59	0.00	0.00	0.00	Ryan MWD
4700.00	5.18	134.59	4685.09	-237.01	240.43	337.61	0.00	0.00	0.00	Ryan MWD
4753.13	5.18	134.59	4738.00	-240.38	243.84	342.40	0.00	0.00	0.00	Green River (GRTN1)
4800.00	5.18	134.59	4784.68	-243.35	246.85	346.63	0.00	0.00	0.00	Ryan MWD
4900.00	5.18	134.59	4884.27	-249.68	253.28	355.66	0.00	0.00	0.00	Ryan MWD
5000.00	5.18	134.59	4983.86	-256.02	259.71	364.68	0.00	0.00	0.00	Ryan MWD
5100.00	5.18	134.59	5083.46	-262.35	266.13	373.70	0.00	0.00	0.00	Ryan MWD
5200.00	5.18	134.59	5183.05	-268.69	272.56	382.73	0.00	0.00	0.00	Ryan MWD
5300.00	5.18	134.59	5282.64	-275.02	278.99	391.75	0.00	0.00	0.00	Ryan MWD
5400.00	5.18	134.59	5382.23	-281.36	285.41	400.78	0.00	0.00	0.00	Ryan MWD
5500.00	5.18	134.59	5481.82	-287.69	291.84	409.80	0.00	0.00	0.00	Ryan MWD
5600.00	5.18	134.59	5581.42	-294.03	298.27	418.82	0.00	0.00	0.00	Ryan MWD
5656.81	5.18	134.59	5638.00	-297.62	301.92	423.95	0.00	0.00	0.00	Mahogany Bench
5700.00	5.18	134.59	5681.01	-300.36	304.69	427.85	0.00	0.00	0.00	Ryan MWD
5800.00	5.18	134.59	5780.60	-306.70	311.12	436.87	0.00	0.00	0.00	Ryan MWD
5900.00	5.18	134.59	5880.19	-313.03	317.54	445.89	0.00	0.00	0.00	Ryan MWD
6000.00	5.18	134.59	5979.79	-319.37	323.97	454.92	0.00	0.00	0.00	Ryan MWD
6100.00	5.18	134.59	6079.38	-325.70	330.40	463.94	0.00	0.00	0.00	Ryan MWD
6200.00	5.18	134.59	6178.97	-332.04	336.82	472.97	0.00	0.00	0.00	Ryan MWD

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EP ENERGY

Ryan Directional Services
Planning Report

RYAN DIRECTIONAL SERVICES
A NABORS COMPANY

Company:	EP Energy	**Date:** 3/22/2013	**Time:** 09:46:09	**Page:**	3
Field:	Duchesne Co, UT	**Co-ordinate(NE) Reference:**	Site: Haggard 2-16C4, True North		
Site:	Haggard 2-16C4	**Vertical (TVD) Reference:**	SITE 5938.0		
Well:	Haggard 2-16C4	**Section (VS) Reference:**	Well (0.00N,0.00E,134.59Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6300.00	5.18	134.59	6278.56	-338.37	343.25	481.99	0.00	0.00	0.00	Ryan MWD
6400.00	5.18	134.59	6378.15	-344.70	349.68	491.01	0.00	0.00	0.00	Ryan MWD
6500.00	5.18	134.59	6477.75	-351.04	356.10	500.04	0.00	0.00	0.00	Ryan MWD
6600.00	5.18	134.59	6577.34	-357.37	362.53	509.06	0.00	0.00	0.00	Ryan MWD
6700.00	5.18	134.59	6676.93	-363.71	368.95	518.09	0.00	0.00	0.00	Ryan MWD
6800.00	5.18	134.59	6776.52	-370.04	375.38	527.11	0.00	0.00	0.00	Ryan MWD
6900.00	5.18	134.59	6876.11	-376.38	381.81	536.13	0.00	0.00	0.00	Ryan MWD
7000.00	5.18	134.59	6975.71	-382.71	388.23	545.16	0.00	0.00	0.00	Ryan MWD
7100.00	5.18	134.59	7075.30	-389.05	394.66	554.18	0.00	0.00	0.00	Ryan MWD
7200.00	5.18	134.59	7174.89	-395.38	401.09	563.20	0.00	0.00	0.00	Ryan MWD
7293.49	5.18	134.59	7268.00	-401.31	407.09	571.64	0.00	0.00	0.00	Lower Green River (TGR3)
7300.00	5.18	134.59	7274.48	-401.72	407.51	572.23	0.00	0.00	0.00	Ryan MWD
7400.00	5.18	134.59	7374.07	-408.05	413.94	581.25	0.00	0.00	0.00	Ryan MWD
7500.00	5.18	134.59	7473.67	-414.39	420.37	590.28	0.00	0.00	0.00	Ryan MWD
7600.00	5.18	134.59	7573.26	-420.72	426.79	599.30	0.00	0.00	0.00	Ryan MWD
7700.00	5.18	134.59	7672.85	-427.06	433.22	608.32	0.00	0.00	0.00	Ryan MWD
7800.00	5.18	134.59	7772.44	-433.39	439.64	617.35	0.00	0.00	0.00	Ryan MWD
7900.00	5.18	134.59	7872.03	-439.73	446.07	626.37	0.00	0.00	0.00	Ryan MWD
8000.00	5.18	134.59	7971.63	-446.06	452.50	635.39	0.00	0.00	0.00	Ryan MWD
8100.00	5.18	134.59	8071.22	-452.40	458.92	644.42	0.00	0.00	0.00	Ryan MWD
8200.00	5.18	134.59	8170.81	-458.73	465.35	653.44	0.00	0.00	0.00	Ryan MWD
8300.00	5.18	134.59	8270.40	-465.07	471.78	662.47	0.00	0.00	0.00	Ryan MWD
8400.00	5.18	134.59	8369.99	-471.40	478.20	671.49	0.00	0.00	0.00	Ryan MWD
8500.00	5.18	134.59	8469.59	-477.74	484.63	680.51	0.00	0.00	0.00	Ryan MWD
8513.44	5.18	134.59	8482.97	-478.59	485.49	681.73	0.00	0.00	0.00	Drop @ 1°/100'
8600.00	4.31	134.59	8569.23	-483.62	490.59	688.89	1.00	-1.00	0.00	Ryan MWD
8700.00	3.31	134.59	8669.01	-488.28	495.32	695.53	1.00	-1.00	0.00	Ryan MWD
8800.00	2.31	134.59	8768.89	-491.73	498.82	700.44	1.00	-1.00	0.00	Ryan MWD
8900.00	1.31	134.59	8868.84	-493.95	501.07	703.60	1.00	-1.00	0.00	Ryan MWD
9000.00	0.31	134.59	8968.83	-494.94	502.08	705.02	1.00	-1.00	0.00	Ryan MWD
9031.17	0.00	134.59	9000.00	-495.00	502.14	705.10	1.00	-1.00	0.00	7"
9100.00	0.00	134.59	9068.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9129.17	0.00	134.59	9098.00	-495.00	502.14	705.10	0.00	0.00	0.00	Wasatch
9200.00	0.00	134.59	9168.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9300.00	0.00	134.59	9268.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9400.00	0.00	134.59	9368.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9500.00	0.00	134.59	9468.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9600.00	0.00	134.59	9568.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9700.00	0.00	134.59	9668.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9800.00	0.00	134.59	9768.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
9900.00	0.00	134.59	9868.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10000.00	0.00	134.59	9968.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10100.00	0.00	134.59	10068.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10200.00	0.00	134.59	10168.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10300.00	0.00	134.59	10268.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10400.00	0.00	134.59	10368.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10500.00	0.00	134.59	10468.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10600.00	0.00	134.59	10568.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10700.00	0.00	134.59	10668.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10800.00	0.00	134.59	10768.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
10900.00	0.00	134.59	10868.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11000.00	0.00	134.59	10968.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11100.00	0.00	134.59	11068.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD

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EP ENERGY

Ryan Directional Services
Planning Report

RYAN DIRECTIONAL SERVICES A NABORS COMPANY

Company:	EP Energy	**Date:** 3/22/2013	**Time:** 09:46:09	**Page:**	4
Field:	Duchesne Co, UT	**Co-ordinate(NE) Reference:**	Site: Haggard 2-16C4, True North		
Site:	Haggard 2-16C4	**Vertical (TVD) Reference:**	SITE 5938.0		
Well:	Haggard 2-16C4	**Section (VS) Reference:**	Well (0.00N,0.00E,134.59Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
11200.00	0.00	134.59	11168.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11300.00	0.00	134.59	11268.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11400.00	0.00	134.59	11368.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11500.00	0.00	134.59	11468.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11600.00	0.00	134.59	11568.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11700.00	0.00	134.59	11668.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11800.00	0.00	134.59	11768.83	-495.00	502.14	705.10	0.00	0.00	0.00	Ryan MWD
11900.00	0.00	134.59	11868.83	-495.00	502.14	705.10	0.00	0.00	0.00	4 1/2"
11931.17	0.00	134.59	11900.00	-495.00	502.14	705.10	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
PBHL			11900.00	-495.00	502.14	7252366.59	1962737.08	40	13	25.946	N	110	20	44.300	W
-Plan hit target															

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
600.00	600.00	13.375	17.500	13 3/8"
3208.83	3200.00	9.625	12.250	9 5/8"
9031.17	9000.00	7.000	8.500	7"
11900.00	11868.83	4.500	6.750	4 1/2"

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1564.12	1562.00	Base MSGW		0.00	0.00
3146.57	3138.00	Green River (GRRV)		0.00	0.00
4753.13	4738.00	Green River (GRTN1)		0.00	0.00
5656.81	5638.00	Mahogany Bench		0.00	0.00
7293.49	7268.00	Lower Green River (TGR3)		0.00	0.00
9129.17	9098.00	Wasatch		0.00	0.00

Annotation

MD ft	TVD ft	
700.00	700.00	KOP @ 1°/100'
1217.73	1217.03	Tangent
8513.44	8482.97	Drop @ 1°/100'

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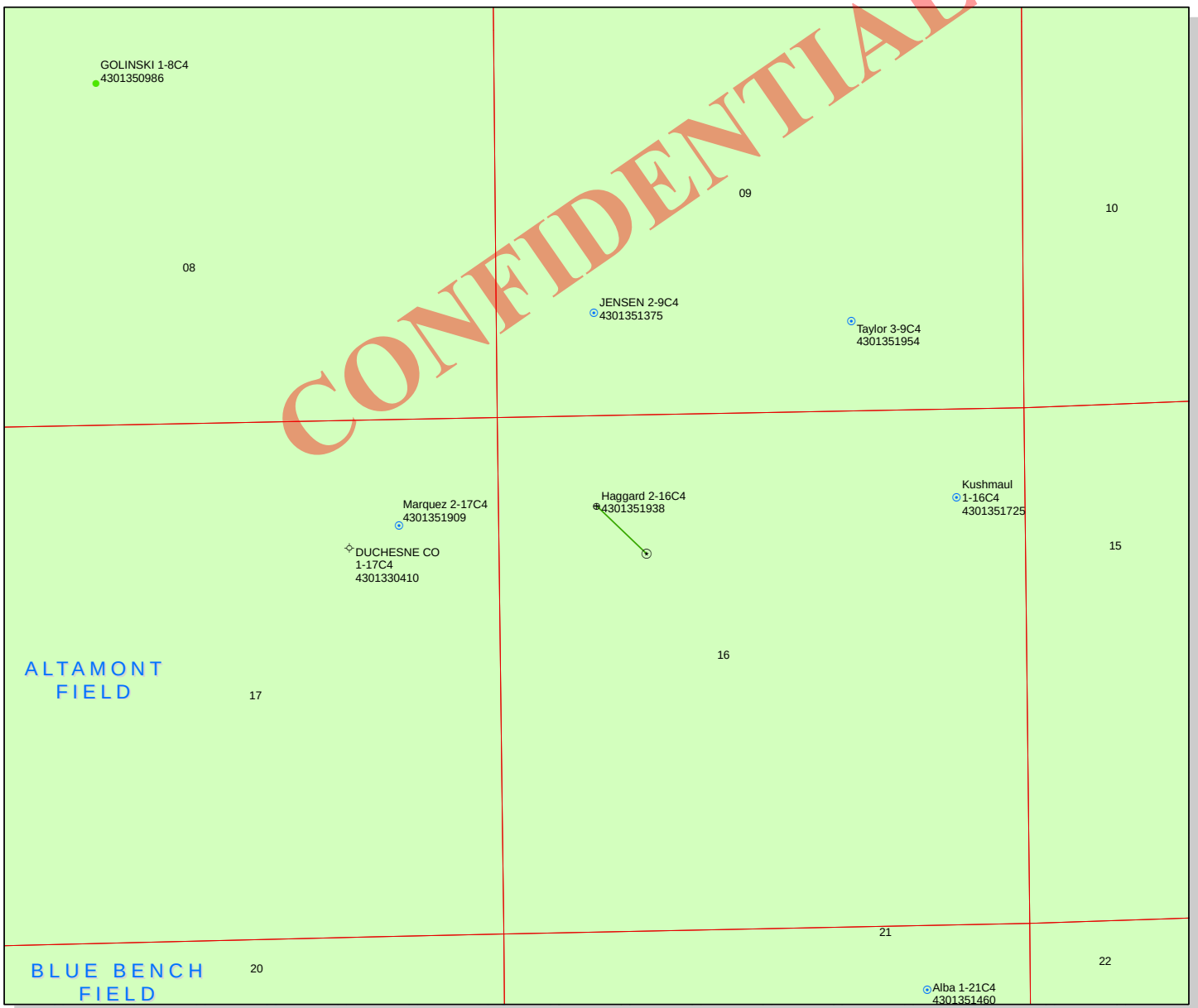
API Well Number: 43013519380000



API Number: 4301351938

Well Name: Haggard 2-16C4

Township T03.0S Range R04.0W Section 16

Meridian: UBM

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,300 650 0 1,300 Feet

1:12,500

RECEIVED: March 27, 2013

API Well Number: 43013519380000

BOPE REVIEW EP ENERGY E&P COMPANY, L.P. Haggard 2-16C4 43013519380000

Well Name	EP ENERGY E&P COMPANY, L.P. Haggard 2-16C4 43013519380000			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	600	3200	9000	11900
Previous Shoe Setting Depth (TVD)	0	600	3200	9000
Max Mud Weight (ppg)	8.8	9.5	10.5	12.2
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	7549			12.2

Calculations	COND String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	275		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	203	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	143	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	143	NO	
Required Casing/BOPE Test Pressure=		600	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi	*Assumes 1psi/ft frac gradient

Calculations	SURF String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	1581		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1197	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	877	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1009	NO	OK
Required Casing/BOPE Test Pressure=		3200	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi	*Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	4914		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3834	YES	5M BOP stack, 5M Annular, and 5M kill lines
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2934	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3638	NO	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		3200	psi	*Assumes 1psi/ft frac gradient

Calculations	L1 String	5.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	7549		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	6121	YES	10M BOE w/rotating head, 5M annular, blind
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4931	YES	rams & mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6911	YES	
Required Casing/BOPE Test Pressure=		9758	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		9000	psi	*Assumes 1psi/ft frac gradient

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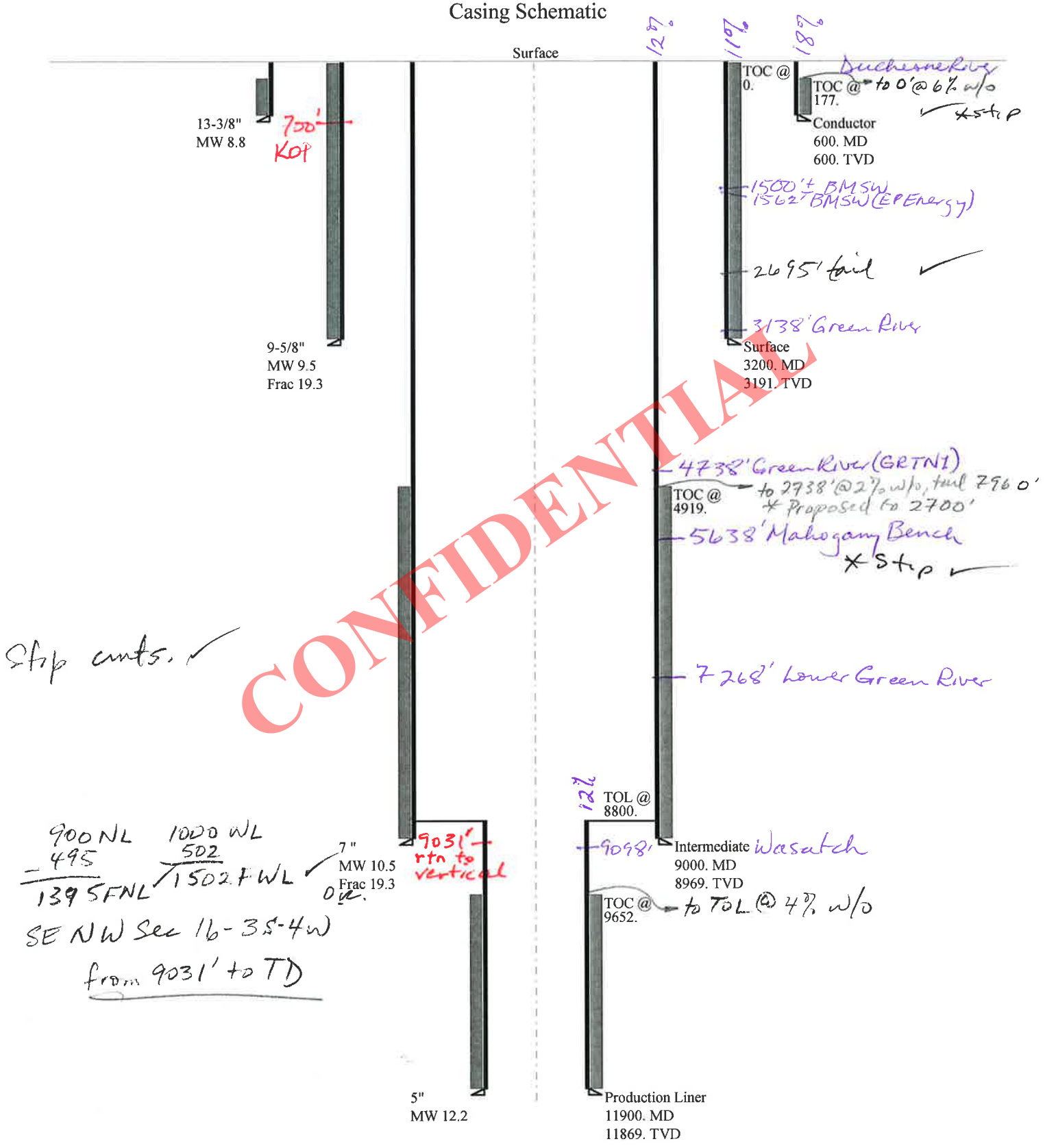
API Well Number: 43013519380000

43013519380000 Haggard 2-16C4

Casing Schematic



API Well Number: 43013519380000

Well name:	**43013519380000 Haggard 2-16C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Conductor
Project ID:	43-013-51938
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 142 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 274 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 522 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 177 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	7445

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	274	1130	4.120	274	2730	9.95	32.7	514	15.72 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 600 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013519380000 Haggard 2-16C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Surface
Project ID:	43-013-51938
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,496 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,200 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,748 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 119 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 9,000 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,909 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,200 ft
Injection pressure: 3,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	3200	9.625	40.00	N-80	LT&C	3200	3200	8.75	40719

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1579	3090	1.957	3200	5750	1.80	128	737	5.76 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3200 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013519380000

Well name:	**43013519380000 Haggard 2-16C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Intermediate
Project ID:	43-013-51938
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,924 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,904 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,570 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 200 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 4,919 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 11,900 ft
Next mud weight: 12.200 ppg
Next setting BHP: 7,542 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,000 ft
Injection pressure: 9,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	9000	7	29.00	P-110	LT&C	9000	9000	6.059	101633

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4909	8530	1.738	6904	11220	1.63	261	797	3.05 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9000 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013519380000

Well name:	**43013519380000 Haggard 2-16C4**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Production Liner
Project ID:	43-013-51938
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 12.200 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,911 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,522 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 11,324 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 240 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 9,652 ft

Liner top: 8,800 ft

Directional Info - Build & Drop
Kick-off point 700 ft
Departure at shoe: 705 ft
Maximum dogleg: 1 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	3100	5	18.00	P-110	ST-L	11869	11900	4.151	26883

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	7522	13470	1.791	7522	13940	1.85	55.8	384	6.88 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 27,2013
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 11869 ft, a mud weight of 12.2 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Haggard 2-16C4
API Number 43013519380000 **APD No** 7359 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWNW **Sec** 16 **Tw** 3.0S **Rng** 4.0W 900 FNL 1000 FWL
GPS Coord (UTM) 555520 4452961 **Surface Owner** Mike Haggard

Participants

Wayne & Loretta Pralle (surface owner); Jared Thacker & David Allred (E&P Energy); Ryan Allred (Jerry Allred & Associates); Dennis Ingram (Utah Division of Oil, Gas & Mining)

Regional/Local Setting & Topography

The Haggard 2-16C4 well pad is proposed and located in northeastern Utah in the Uintah Basin approximately 4.55 miles north of Duchesne and 2.3 miles east of U.S. Highway 87 on Blue Bench. Blue Bench is a broad, dry, sagebrush mesa that is mostly undeveloped and void of trees. The immediate topography is nearly flat but slopes gently to the south. This area is residential with some housing and trailer dwelling spread out in five to ten acre lots. The Duchesne River Drainage is located approximately two plus miles west of this well site and drains the Uinta Mountains southerly until it reaches the town of Duchesne, then turns east where it joins the Strawberry River and flows toward Myton Utah. Several miles north of this site the elevation rises into broken, shelf like sandstone benches that are commonly found throughout much of Utah's pinion juniper habitat between the farmlands and quaken aspen stands. The Blue Bench was historically utilized to grow alfalfa after the construction of an irrigation canal from Rock Creek.

Surface Use Plan

Current Surface Use
Residential
Wildlfe Habitat
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.02	**Width** 342 **Length** 425	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sagebrush, prairie grass, prickly pear cactus, rabbit brush; potential mule deer, coyote, fox, rabbit and smaller mammals native to region.

Soil Type and Characteristics

Snow cover, typically, reddish, fine grained sandy loam with some cobbles

RECEIVED: April 01, 2013

API Well Number: 43013519380000

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** N **Cultural Survey Run?** **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	20	1 Sensitivity Level

Characteristics / Requirements

Reserve pit proposed along the northern side of location in 2.2 feet of cut, measuring 110' wide by 150' long by 12' deep, and having prevailing winds parallel the wellbore from the west.

Closed Loop Mud Required? **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

Location straddles two landowners and has a wire net fence, need to fence location with same fencing to keep people and animals off location, location has trailer houses in area, could have children playing, operator needs to address any safety issues need to protect public.

Dennis Ingram	1/10/2013
Evaluator	**Date / Time**

RECEIVED: April 01, 2013

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7359	43013519380000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		**Surface Owner-APD**	Mike Haggard	
Well Name	Haggard 2-16C4		**Unit**		
Field	ALTAMONT		**Type of Work**	DRILL	
Location	NWNW 16 3S 4W U 900 FNL 1000 FWL GPS Coord (UTM) 555516E 4452958N				

Geologic Statement of Basis

El Paso proposes to set 40 feet of conductor and 3,600 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,500 feet. A search of Division of Water Rights records indicates that there are 4 water wells within a 10,000 foot radius of the center of Section 16. These wells probably produce water from the Duchesne River Formation. Depths of the wells fall in the range of 285-300 feet. The wells are listed as being used for irrigation, stock watering and domestic. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill — **APD Evaluator**

1/14/2013 — **Date / Time**

Surface Statement of Basis

A presite visit was scheduled and done on January 10, 2013 to address construction issues and the drilling of this well. The surface is covered with approximately six inches of snow at the time of our visit. This location splits two landowner lots and both were notified and invited to the presite meeting, Wayne and Loretta Pralle attended but Mike Haggard did not.

The surface is relatively flat with only a couple feet cut along the north side of the location and 1.5 to 2.0 of fill along the southern corners. There aren't any drainage issues, nor known surfaced water in the immediate area. However, a known, flowing water well exists northwest of this wellsite. The operator shall take cause and not allow any fresh water flows from this well to deplete those shallow water zones and cause problems for the private water wells in that area. A reserve pit is proposed immediately north of this well pad and shall be lined with a 20 mil synthetic liner to prevent seepage of the drilling fluids. The pit shall also be fenced to keep animals and the public away from it. The gas and water disposal lines are planned to run north along the access roads of this pad and tie into existing pipelines No other issues were noted at the presite visit.

Dennis Ingram — **Onsite Evaluator**

1/10/2013 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the north side of the location.

RECEIVED: April 01, 2013

Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: April 01, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/20/2012 **API NO. ASSIGNED:** 43013519380000
WELL NAME: Haggard 2-16C4
OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850) **PHONE NUMBER:** 713 997-5038
CONTACT: Maria S. Gomez

PROPOSED LOCATION: NWNW 16 030S 040W **Permit Tech Review:** ☑
SURFACE: 0900 FNL 1000 FWL **Engineering Review:** ☑
BOTTOM: 1400 FNL 1500 FWL **Geology Review:** ☑
COUNTY: DUCHESNE
LATITUDE: 40.22521 **LONGITUDE:** -110.34748
UTM SURF EASTINGS: 555516.00 **NORTHINGS:** 4452958.00
FIELD NAME: ALTAMONT
LEASE TYPE: 4 - Fee
LEASE NUMBER: Fee **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER(LWR)-WASATCH
SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - 400JU0708
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Duchesne City
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90
Effective Date: 5/9/2012
Siting: 4 Prod LGRRV-WSTC Wells

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
13 - Cement Volume Formation (3a) - hmacdonald
15 - Directional - dmason

RECEIVED: April 01, 2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Haggard 2-16C4
API Well Number: 43013519380000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/1/2013

Issued to:
EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2700' MD in order to adequately isolate the Green River formation.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

S-16 T03S R04W [redacted] 43 013 51938

24 Hour Notification Of Spud

RLANDRIG008 <RLANDRIG008@epenergy.com> Mon, May 6, 2013 at 7:27 AM
To: Alexis Huefner <alexishuefner@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Dennis Ingram <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>

May 6, 2013

Ms. Daniels,

This is notification that Pro Petro Rig 10 commenced operations on the E P Energy, Haggard 2-16C4 at 10:00 pm May 5, 2013. Continuous operations will be maintained until a drilling depth of 600' has been reached. At that point a string of 13-3/8" 54.5# J-55 ST&C casing will be run and cemented to surface.

Well: Haggard 2-16C4

API: 43013519380000

County: Duchesne, Utah

Best Regards,

Bill Owen

E P Energy

Rig Site Supervisor

Cell: 435-823-1725

RECEIVED
MAY 09 2013
DIV. OF OIL, GAS & MINING

[redacted]

Alexis Huefner< alexishuefner@utah.gov>

24 Hour Notification Of Spud

1 message

RLANDRIG008< RLANDRIG008@epenergy.com> Mon, May 6, 2013 at 7:27 AM
To: Alexis Huefner <alexishuefner@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Dennis Ingram <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gaydos, Tommy L" <Tommy.Gaydos@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>

May 6, 2013

Ms. Daniels,

This is notification that Pro Petro Rig 10 commenced operations on the E P Energy, Haggard 2-16C4 at 10:00 pm May 5, 2013. Continuous operations will be maintained until a drilling depth of 600' has been reached. At that point a string of 13-3/8" 54.5# J-55 ST&C casing will be run and cemented to surface.

Well: Haggard 2-16C4

API: 43013519380000

County: Duchesne, Utah

900 FNL 1000 FWL
NWNW 16 3S 4W

Best Regards,

CONFIDENTIAL

Bill Owen

E P Energy

Rig Site Supervisor

Cell: 435-823-1725

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013519380000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/4/2013	☐ ACIDIZE	✓ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP would like to change setting depth of 9 5/8" casing from 3600' to 2000'.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 13, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 6/4/2013

RECEIVED: Jun. 04, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Haggard 2-16C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013519380000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/25/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Initial Completion

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached procedure and WBS for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 23, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		7/23/2013

RECEIVED: Jul. 23, 2013

Haggard 2-16C4
Initial Completion
43013519380000

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 5" liner of anomalies.

2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.

3. Test all lubricators, valves and BOP's to working pressure.

4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.

5. Monitor the surface casing during frac:

    a. Lay a flowline to the flow back tank and keep the valve open.

    b. This line will remain in place until a wire line set retrievable packer is in place isolating the 5" casing from the 7" after the frac.

6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.

7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with water. Perforations from ~11219' - 11646' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~140000# PowerProp 20/40.

Stage 2: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11182'. Test CBP and casing to 8500 psi. Perforations from ~10852' - 11162' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~140000# PowerProp 20/40.

Stage 3: RU WL unit with 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10780'. Test CBP and casing to 8500 psi. Perforations from ~10469' - 10774' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~155000# SB Prime 20/40.

Stage 4: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10450'. Test CBP and casing to 8500 psi. Perforations from ~10202' - 10435' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~155000# SB Prime 20/40.

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Stage 5: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10170'. Test CBP and casing to 8500 psi. Perforations from ~9944' - 10167' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~155000# SB Prime 20/40.

Stage 6: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9920'. Test CBP and casing to 8500 psi. Perforations from ~9728' - 9911' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~140000# TLC Resin Coated 20/40 Sand.

Stage 7: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9700'. Test CBP and casing to 8500 psi. Perforations from ~9471' - 9690' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~140000# TLC Resin Coated 20/40 Sand.

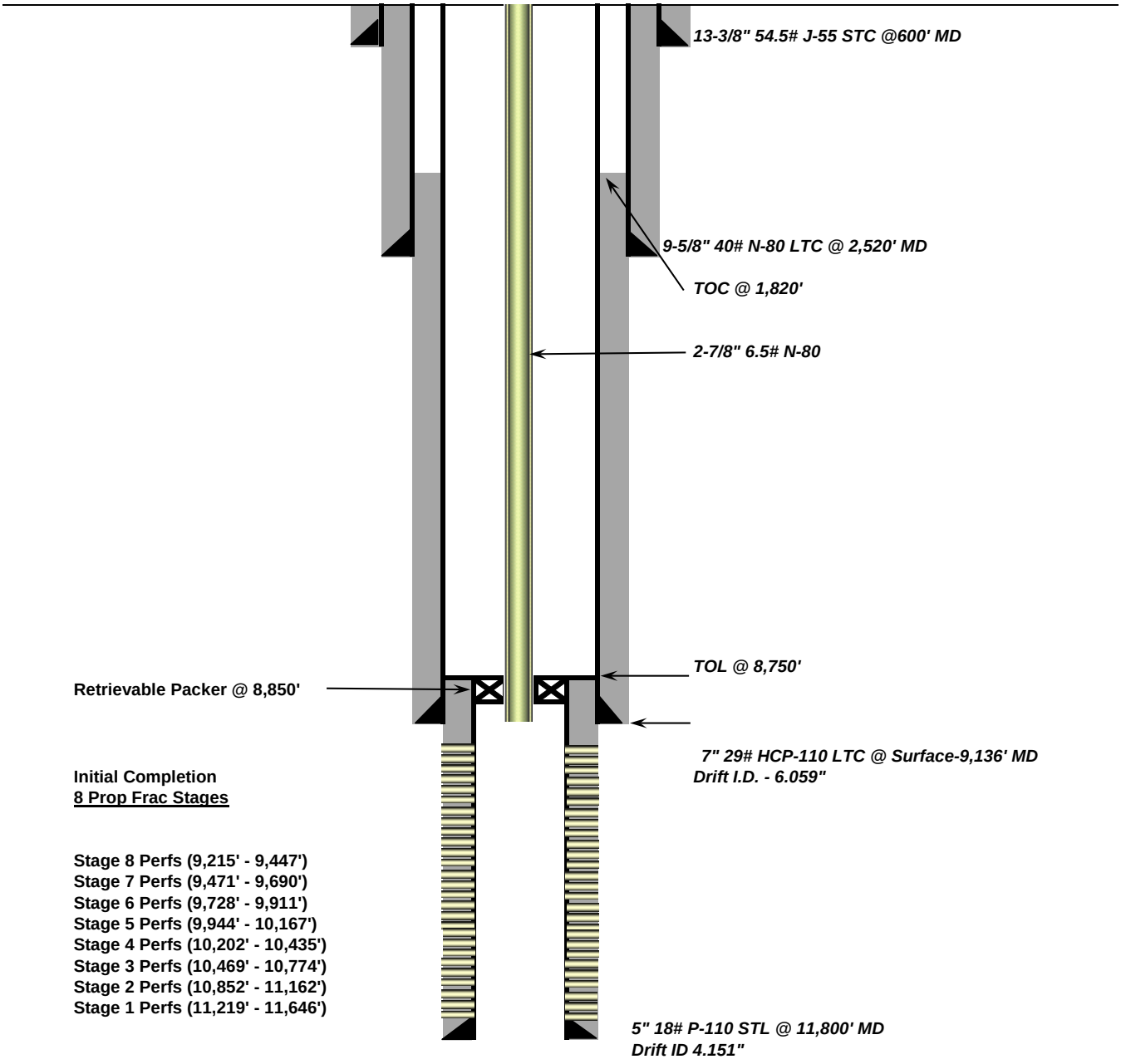
Stage 8: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9455'. Test CBP and casing to 8500 psi. Perforations from ~9215' - 9447' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~140000# TLC Resin Coated 20/40 Sand.

RECEIVED: Jul. 23, 2013

EP ENERGY

Initial Completion Wellbore Schematic

Company Name:	*EP Energy*	**Last Updated:**	***7/23/2013***
Well Name:	***Haggard 2-16 C4***	**By:**	*Peter Schmeltz*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*11,800'*
Surface Location:	*Lat: 40˚ 13' 25.94645" N Long: 110˚ 20' 44.30002" W*	**BHL:**	
Producing Zone(s):	*Wasatch*	**Elevation:**	



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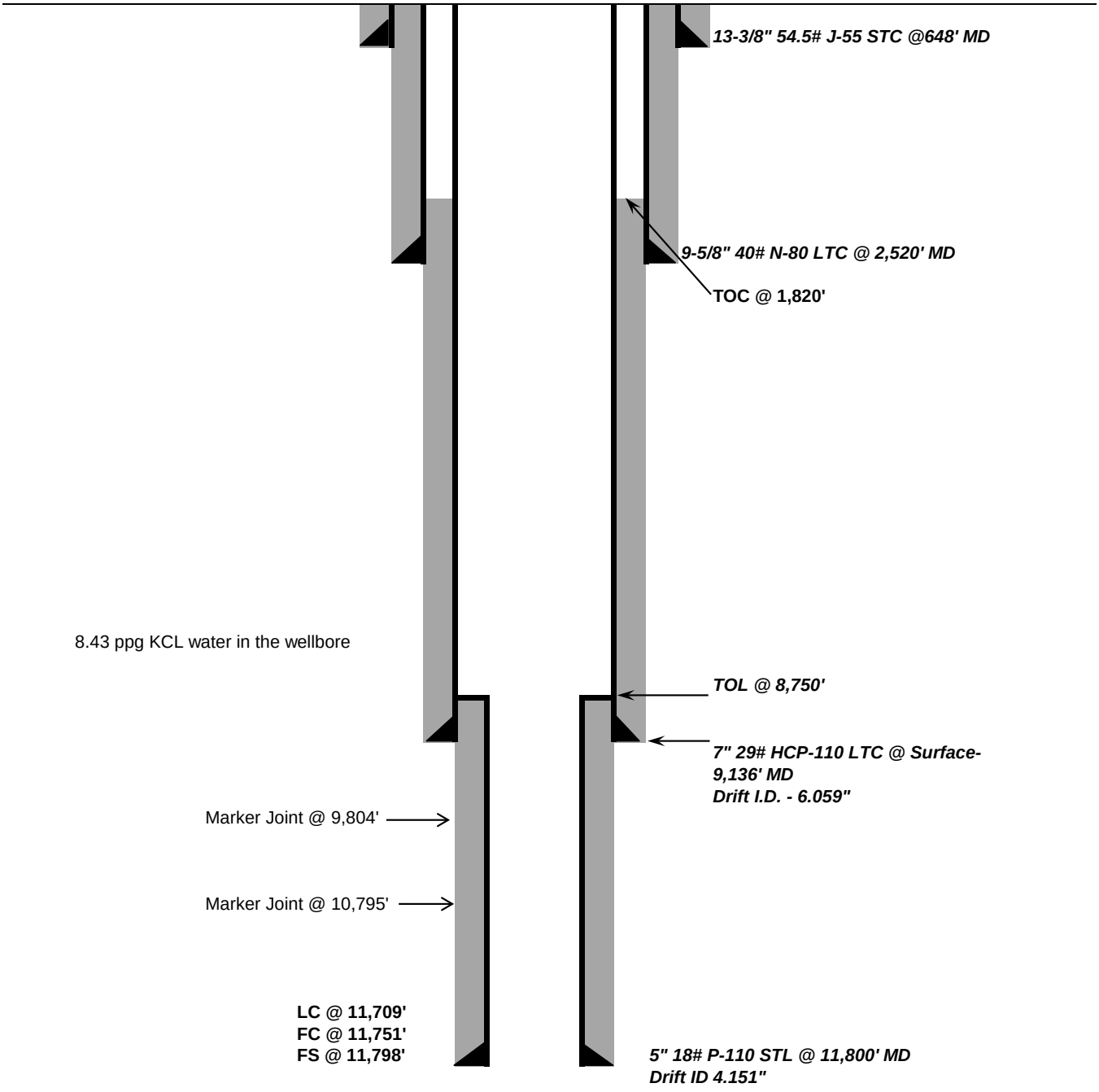
EP ENERGY

Current Wellbore Schematic

Company Name:	*EP Energy*	**Last Updated:**	***7/16/2013***
Well Name:	***Haggard 2-16 C4***	**By:**	*Robert Fondren*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*11,800'*
Surface Location:	*Lat: 40˚ 13' 25.94645" N Long: 110˚ 20' 44.30002" W*	**BHL:**	
Producing Zone(s):	*Wasatch*	**Elevation:**	



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API Well Number: 43013519380000

BHL 1541' FNL 1465' FWL
SE NW Sec15-3S-4W

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

9. API NUMBER: 4301351938

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 900 FNL & 1000 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 900 FNL & 1000 FWL
AT TOTAL DEPTH: 900 FNL & 1000 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 16 3S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 6/15/2013

15. DATE T.D. REACHED: 7/5/2013

16. DATE COMPLETED: 7/30/2013 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5921

18. TOTAL DEPTH: MD 11,800 TVD 11,762

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54	0	631		G 800	920	0	
12.25	9.625 N80	40	0	2,520		G 636	1,405	0	
8.75	7" HCP110	29	0	9,120		Prem 580	1,300	1820	
6.125	5 P110	18	8,750	11,800		Prem 180	265	8750	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	8863	8848						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,109	11,646	9,071	11,608
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
11,219 11,646	.4	66	Open ☑ Squeezed ☐
10,852 11,162	.4	51	Open ☑ Squeezed ☐
10,469 10,774	.4	69	Open ☑ Squeezed ☐
10,202 10,435	.4	63	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11219-11646	5000 gals, 15% HCL, 3000# 100 Mesh, 140320# 20/40 Power Prop
10852-11162	5000 gals, 15% HCL, 3000# 100 Mesh, 140560# 20/40 Power Prop
10469-10774	5000 gals, 15% HCL, 3000# 100 Mesh, 154840# 20/40 SB Prime

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
7/31/2013	8/5/2013	24		556	367	350	Flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
12	2,200		44.90	1	1		556	367	350	Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Upper Green River	4,250
Middle Green River	5,985
Lower Green River	7,256
Wasatch	9,109

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez DATE 12/19/13

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Dec. 19, 2013

Attachment to Well Completion Report

Form 8 Dated December 17, 2013

Well Name: Haggard 2-16C4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
9944’-10167’	.4	63	Open
9728’-9911’	.4	63	Open
9471’-9690’	.4	69	Open
9215’-9447’	.4	69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10202’-10435’	5000 gals, 15% HCL, 3000# 100Mesh, 155240# 20/40 Oil Plus
9944’-10167’	5000 gals, 15% HCL, 3000# 100 Mesh, 155560# 20/40 Oil Plus
9728’-9911’	5000 gas 15% HCL, 3000# 100 Mesh, 140920# 20/40 Tempered LC
9471’-9690’	5000 gals 15% HCL, 3000# 100 Mesh, 140900# 20/40 Tempered LC
9215’-9447’	5000 gals 15% HCL, 6380# 100 Mesh, 138920# 20/40 Tempered LC

RECEIVED: Dec. 19, 2013

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Haggard 2-16C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 404	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	**0.00**	**0.00**	**0.00**												
1	100.00	0.27	94.45	100.00	100.00	-0.02	0.02	S	0.23	E	0.24	94.45	0.27	0.27	94.45
2	200.00	0.46	108.65	100.00	200.00	-0.16	0.16	S	0.85	E	0.87	100.98	0.21	0.19	14.20
3	300.00	0.44	142.29	100.00	299.99	-0.60	0.60	S	1.47	E	1.58	112.17	0.26	-0.02	33.64
4	400.00	0.38	132.52	100.00	399.99	-1.12	1.12	S	1.94	E	2.25	120.05	0.09	-0.06	-9.77
5	500.00	0.28	182.54	100.00	499.99	-1.59	1.59	S	2.18	E	2.70	126.18	0.29	-0.10	50.02
6	600.00	0.03	21.25	100.00	599.99	-1.81	1.81	S	2.18	E	2.83	129.79	0.31	-0.25	-161.29
7	700.00	0.35	148.20	100.00	699.99	-2.05	2.05	S	2.35	E	3.12	131.11	0.37	0.32	126.95
8	800.00	0.33	157.87	100.00	799.99	-2.57	2.57	S	2.62	E	3.67	134.53	0.06	-0.02	9.67
9	900.00	0.48	160.46	100.00	899.99	-3.24	3.24	S	2.87	E	4.32	138.48	0.15	0.15	2.59
10	1000.00	0.43	166.84	100.00	999.98	-4.00	4.00	S	3.09	E	5.05	142.28	0.07	-0.05	6.38
11	1100.00	0.47	181.68	100.00	1099.98	-4.77	4.77	S	3.16	E	5.73	146.45	0.12	0.04	14.84
12	1200.00	0.59	169.43	100.00	1199.97	-5.69	5.69	S	3.25	E	6.55	150.28	0.16	0.12	-12.25
13	1300.00	0.61	201.45	100.00	1299.97	-6.69	6.69	S	3.15	E	7.39	154.81	0.33	0.02	32.02
14	1400.00	0.55	191.45	100.00	1399.96	-7.65	7.65	S	2.86	E	8.17	159.54	0.12	-0.06	-10.00
15	1500.00	0.57	208.13	100.00	1499.96	-8.56	8.56	S	2.53	E	8.93	163.56	0.16	0.02	16.68
16	1600.00	0.69	199.83	100.00	1599.95	-9.57	9.57	S	2.09	E	9.79	167.69	0.15	0.12	-8.30
17	1700.00	0.74	207.87	100.00	1699.95	-10.71	10.71	S	1.58	E	10.82	171.60	0.11	0.05	8.04
18	1800.00	0.88	215.27	100.00	1799.94	-11.90	11.90	S	0.84	E	11.93	175.98	0.17	0.14	7.40
19	1900.00	0.88	218.29	100.00	1899.92	-13.13	13.13	S	0.08	W	13.13	180.36	0.05	0.00	3.02
20	2000.00	1.12	215.61	100.00	1999.91	-14.53	14.53	S	1.13	W	14.57	184.44	0.24	0.24	-2.68
21	2100.00	1.33	215.28	100.00	2099.89	-16.27	16.27	S	2.37	W	16.44	188.28	0.21	0.21	-0.33
22	2200.00	1.55	198.89	100.00	2199.85	-18.50	18.50	S	3.48	W	18.82	190.64	0.46	0.22	-16.39
23	2300.00	1.83	202.51	100.00	2299.81	-21.25	21.25	S	4.52	W	21.73	192.02	0.30	0.28	3.62
24	2400.00	1.76	194.07	100.00	2399.76	-24.22	24.22	S	5.51	W	24.84	192.81	0.27	-0.07	-8.44
25	2480.00	1.55	199.13	80.00	2479.73	-26.43	26.43	S	6.16	W	27.14	193.12	0.32	-0.26	6.33
26	2583.00	1.32	210.31	103.00	2582.70	-28.77	28.77	S	7.22	W	29.67	194.08	0.35	-0.22	10.85
27	2676.00	4.09	186.22	93.00	2675.59	-33.00	33.00	S	8.12	W	33.98	193.82	3.16	2.98	-25.90
28	2769.00	5.41	171.94	93.00	2768.27	-40.63	40.63	S	7.86	W	41.39	190.95	1.90	1.42	-15.35
29	2862.00	5.71	154.93	93.00	2860.84	-49.17	49.17	S	5.29	W	49.45	186.14	1.79	0.32	-18.29
30	2955.00	6.11	133.75	93.00	2953.35	-56.78	56.78	S	0.25	E	56.78	179.75	2.37	0.43	-22.77
31	3049.00	5.49	135.73	94.00	3046.87	-63.46	63.46	S	7.00	E	63.85	173.70	0.69	-0.66	2.11
32	3142.00	5.10	115.25	93.00	3139.48	-68.41	68.41	S	13.85	E	69.80	168.56	2.06	-0.42	-22.02
33	3235.00	4.70	113.23	93.00	3232.14	-71.68	71.68	S	21.09	E	74.71	163.61	0.47	-0.43	-2.17
34	3328.00	5.89	111.65	93.00	3324.74	-74.94	74.94	S	29.02	E	80.36	158.83	1.29	1.28	-1.70
35	3421.00	5.41	112.61	93.00	3417.29	-78.38	78.38	S	37.51	E	86.90	154.43	0.53	-0.52	1.03

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Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Haggard 2-16C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 404	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
36	3514.00	6.99	114.41	93.00	3509.74	-82.41	82.41	S	46.71	E	94.72	150.46	1.71	1.70	1.94
37	3608.00	6.59	114.15	94.00	3603.09	-86.98	86.98	S	56.84	E	103.90	146.84	0.43	-0.43	-0.28
38	3701.00	5.80	113.62	93.00	3695.54	-91.05	91.05	S	66.01	E	112.46	144.06	0.85	-0.85	-0.57
39	3794.00	7.51	123.25	93.00	3787.91	-96.26	96.26	S	75.40	E	122.28	141.93	2.19	1.84	10.35
40	3887.00	6.81	122.15	93.00	3880.19	-102.53	102.53	S	85.15	E	133.28	140.29	0.77	-0.75	-1.18
41	3980.00	5.80	123.03	93.00	3972.62	-108.02	108.02	S	93.76	E	143.04	139.04	1.09	-1.09	0.95
42	4073.00	5.19	124.35	93.00	4065.20	-112.96	112.96	S	101.17	E	151.64	138.15	0.67	-0.66	1.42
43	4166.00	5.19	133.62	93.00	4157.82	-118.23	118.23	S	107.69	E	159.93	137.67	0.90	0.00	9.97
44	4259.00	6.59	132.91	93.00	4250.32	-124.77	124.77	S	114.64	E	169.44	137.42	1.51	1.51	-0.76
45	4352.00	6.11	133.93	93.00	4342.75	-131.84	131.84	S	122.12	E	179.70	137.19	0.53	-0.52	1.10
46	4445.00	5.41	137.13	93.00	4435.28	-138.48	138.48	S	128.66	E	189.03	137.10	0.83	-0.75	3.44
47	4538.00	5.89	130.15	93.00	4527.83	-144.77	144.77	S	135.29	E	198.15	136.94	0.90	0.52	-7.51
48	4631.00	6.11	137.62	93.00	4620.32	-151.51	151.51	S	142.28	E	207.84	136.80	0.87	0.24	8.03
49	4725.00	6.81	131.82	94.00	4713.73	-158.92	158.92	S	149.80	E	218.39	136.69	1.02	0.74	-6.17
50	4818.00	5.32	130.72	93.00	4806.20	-165.41	165.41	S	157.18	E	228.18	136.46	1.61	-1.60	-1.18
51	4911.00	6.28	139.11	93.00	4898.73	-172.07	172.07	S	163.78	E	237.55	136.41	1.37	1.03	9.02
52	5004.00	6.20	141.75	93.00	4991.18	-179.85	179.85	S	170.22	E	247.63	136.58	0.32	-0.09	2.84
53	5097.00	8.00	134.54	93.00	5083.46	-188.34	188.34	S	177.94	E	259.10	136.63	2.16	1.94	-7.75
54	5190.00	7.51	130.32	93.00	5175.61	-196.81	196.81	S	187.19	E	271.61	136.44	0.81	-0.53	-4.54
55	5283.00	6.02	131.95	93.00	5267.96	-204.00	204.00	S	195.45	E	282.52	136.23	1.62	-1.60	1.75
56	5376.00	7.38	121.05	93.00	5360.33	-210.34	210.34	S	204.19	E	293.15	135.85	2.00	1.46	-11.72
57	5469.00	6.90	116.22	93.00	5452.61	-215.89	215.89	S	214.32	E	304.21	135.21	0.83	-0.52	-5.19
58	5563.00	7.29	121.93	94.00	5545.89	-221.54	221.54	S	224.45	E	315.37	134.63	0.86	0.41	6.07
59	5656.00	6.11	121.44	93.00	5638.25	-227.25	227.25	S	233.68	E	325.95	134.20	1.27	-1.27	-0.53
60	5749.00	7.60	118.54	93.00	5730.59	-232.77	232.77	S	243.31	E	336.72	133.73	1.64	1.60	-3.12
61	5842.00	6.42	121.84	93.00	5822.89	-238.45	238.45	S	253.13	E	347.75	133.29	1.34	-1.27	3.55
62	5935.00	6.99	126.85	93.00	5915.25	-244.58	244.58	S	262.07	E	358.47	133.02	0.88	0.61	5.39
63	6028.00	5.71	130.32	93.00	6007.68	-250.97	250.97	S	270.13	E	368.72	132.89	1.44	-1.38	3.73
64	6121.00	5.49	128.74	93.00	6100.24	-256.75	256.75	S	277.12	E	377.78	132.81	0.29	-0.24	-1.70
65	6214.00	6.11	123.64	93.00	6192.76	-262.27	262.27	S	284.71	E	387.11	132.65	0.87	0.67	-5.48
66	6307.00	7.60	136.74	93.00	6285.10	-269.50	269.50	S	293.05	E	398.13	132.60	2.31	1.60	14.09
67	6400.00	7.12	139.11	93.00	6377.33	-278.33	278.33	S	301.04	E	409.99	132.76	0.61	-0.52	2.55
68	6493.00	7.51	140.21	93.00	6469.58	-287.36	287.36	S	308.70	E	421.75	132.95	0.45	0.42	1.18
69	6586.00	7.38	141.53	93.00	6561.79	-296.71	296.71	S	316.31	E	433.69	133.17	0.23	-0.14	1.42
70	6679.00	6.59	144.03	93.00	6654.10	-305.70	305.70	S	323.16	E	444.84	133.41	0.91	-0.85	2.69
71	6772.00	6.20	137.53	93.00	6746.53	-313.72	313.72	S	329.68	E	455.10	133.58	0.88	-0.42	-6.99
72	6865.00	7.29	132.43	93.00	6838.88	-321.41	321.41	S	337.43	E	466.01	133.61	1.34	1.17	-5.48

RECEIVED: Dec. 19, 2013

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Haggard 2-16C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 404	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
73	6958.00	7.21	137.53	93.00	6931.14	-329.70	329.70	S	345.72	E	477.73	133.64	0.70	-0.09	5.48
74	7051.00	8.22	136.34	93.00	7023.30	-338.81	338.81	S	354.25	E	490.19	133.72	1.10	1.09	-1.28
75	7143.00	7.12	141.13	92.00	7114.47	-348.01	348.01	S	362.37	E	502.42	133.84	1.38	-1.20	5.21
76	7236.00	8.09	139.64	93.00	7206.65	-357.48	357.48	S	370.23	E	514.65	134.00	1.06	1.04	-1.60
77	7329.00	7.21	140.21	93.00	7298.82	-366.95	366.95	S	378.20	E	526.96	134.14	0.95	-0.95	0.61
78	7422.00	7.29	146.14	93.00	7391.08	-376.34	376.34	S	385.22	E	538.54	134.33	0.81	0.09	6.38
79	7515.00	7.51	145.13	93.00	7483.31	-386.22	386.22	S	391.99	E	550.29	134.58	0.27	0.24	-1.09
80	7608.00	8.09	144.43	93.00	7575.45	-396.53	396.53	S	399.27	E	562.72	134.80	0.63	0.62	-0.75
81	7701.00	7.38	135.24	93.00	7667.60	-406.10	406.10	S	407.28	E	575.14	134.92	1.53	-0.76	-9.88
82	7794.00	7.69	135.11	93.00	7759.80	-414.75	414.75	S	415.88	E	587.34	134.92	0.33	0.33	-0.14
83	7887.00	6.50	139.95	93.00	7852.09	-423.18	423.18	S	423.66	E	598.81	134.97	1.43	-1.28	5.20
84	7981.00	6.68	133.13	94.00	7945.47	-431.00	431.00	S	431.07	E	609.57	135.00	0.85	0.19	-7.26
85	8074.00	5.41	139.24	93.00	8037.95	-438.01	438.01	S	437.88	E	619.35	135.01	1.53	-1.37	6.57
86	8167.00	6.02	133.75	93.00	8130.49	-444.71	444.71	S	444.26	E	628.60	135.03	0.88	0.66	-5.90
87	8260.00	4.92	139.42	93.00	8223.06	-451.11	451.11	S	450.38	E	637.45	135.05	1.32	-1.18	6.10
88	8354.00	3.38	152.73	94.00	8316.82	-456.63	456.63	S	454.27	E	644.11	135.15	1.92	-1.64	14.16
89	8447.00	2.81	160.42	93.00	8409.68	-461.22	461.22	S	456.29	E	648.79	135.31	0.76	-0.61	8.27
90	8540.00	2.68	183.63	93.00	8502.58	-465.54	465.54	S	456.92	E	652.30	135.54	1.19	-0.14	24.96
91	8634.00	3.12	205.03	94.00	8596.46	-470.05	470.05	S	455.70	E	654.68	135.89	1.23	0.47	22.77
92	8727.00	2.99	206.92	93.00	8689.33	-474.50	474.50	S	453.53	E	656.39	136.29	0.18	-0.14	2.03
93	8820.00	2.90	212.24	93.00	8782.20	-478.66	478.66	S	451.18	E	657.78	136.69	0.31	-0.10	5.72
94	8913.00	2.68	216.94	93.00	8875.09	-482.38	482.38	S	448.62	E	658.75	137.08	0.34	-0.24	5.05
95	9017.00	1.19	160.12	104.00	8979.04	-485.34	485.34	S	447.52	E	660.18	137.32	2.17	-1.43	-54.63
96	9085.00	1.58	159.63	68.00	9047.02	-486.89	486.89	S	448.09	E	661.70	137.38	0.57	0.57	-0.72
97	9200.00	1.84	171.33	115.00	9161.97	-490.20	490.20	S	448.92	E	664.70	137.52	0.38	0.23	10.17
98	9300.00	2.51	165.17	100.00	9261.90	-493.91	493.91	S	449.72	E	667.98	137.68	0.71	0.67	-6.16
99	9400.00	2.83	168.91	100.00	9361.79	-498.44	498.44	S	450.76	E	672.03	137.88	0.36	0.32	3.74
100	9500.00	2.99	170.04	100.00	9461.66	-503.43	503.43	S	451.68	E	676.36	138.10	0.17	0.16	1.13
101	9600.00	3.24	163.19	100.00	9561.51	-508.71	508.71	S	452.95	E	681.14	138.32	0.45	0.25	-6.85
102	9700.00	3.12	166.59	100.00	9661.36	-514.06	514.06	S	454.40	E	686.10	138.52	0.23	-0.13	3.40
103	9800.00	3.09	167.59	100.00	9761.21	-519.33	519.33	S	455.61	E	690.85	138.74	0.06	-0.03	1.01
104	9900.00	3.16	171.61	100.00	9861.06	-524.69	524.69	S	456.59	E	695.54	138.97	0.23	0.08	4.02
105	10000.00	3.26	175.12	100.00	9960.90	-530.25	530.25	S	457.23	E	700.16	139.23	0.22	0.10	3.51
106	10100.00	3.19	176.33	100.00	10060.75	-535.86	535.86	S	457.65	E	704.70	139.50	0.10	-0.07	1.22
107	10200.00	2.95	178.25	100.00	10160.60	-541.21	541.21	S	457.91	E	708.94	139.77	0.26	-0.24	1.92
108	10300.00	3.30	174.97	100.00	10260.45	-546.65	546.65	S	458.24	E	713.31	140.03	0.40	0.35	-3.28
109	10400.00	3.31	169.89	100.00	10360.29	-552.36	552.36	S	459.00	E	718.18	140.27	0.29	0.01	-5.08

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Haggard 2-16C4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 404	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
110	10500.00	3.36	174.58	100.00	10460.12	-558.12	558.12	S	459.79	E	723.12	140.52	0.28	0.04	4.69
111	10600.00	3.62	171.38	100.00	10559.93	-564.15	564.15	S	460.53	E	728.26	140.77	0.32	0.26	-3.20
112	10700.00	3.82	171.09	100.00	10659.72	-570.56	570.56	S	461.52	E	733.86	141.03	0.21	0.21	-0.29
113	10800.00	3.37	176.93	100.00	10759.53	-576.79	576.79	S	462.20	E	739.13	141.29	0.58	-0.45	5.84
114	10900.00	3.76	173.07	100.00	10859.33	-582.98	582.98	S	462.75	E	744.31	141.56	0.45	0.39	-3.86
115	11000.00	3.83	176.28	100.00	10959.11	-589.57	589.57	S	463.36	E	749.86	141.83	0.22	0.07	3.21
116	11100.00	3.87	173.18	100.00	11058.89	-596.25	596.25	S	463.98	E	755.51	142.11	0.21	0.04	-3.09
117	11200.00	3.88	173.51	100.00	11158.66	-602.96	602.96	S	464.76	E	761.29	142.37	0.02	0.01	0.33
118	11300.00	3.73	175.48	100.00	11258.44	-609.56	609.56	S	465.40	E	766.92	142.64	0.20	-0.15	1.97
119	11400.00	3.52	176.83	100.00	11358.24	-615.87	615.87	S	465.83	E	772.20	142.90	0.23	-0.21	1.35
120	11500.00	3.64	180.58	100.00	11458.04	-622.11	622.11	S	465.97	E	777.27	143.17	0.26	0.12	3.76
121	11600.00	3.64	182.15	100.00	11557.84	-628.45	628.45	S	465.82	E	782.26	143.45	0.10	0.00	1.56
122	11700.00	3.58	184.18	100.00	11657.64	-634.73	634.73	S	465.47	E	787.11	143.75	0.14	-0.05	2.04
123	11800.00	3.58	184.18	100.00	11757.45	-640.96	640.96	S	465.01	E	791.87	144.04	0.00	0.00	0.00

RECEIVED: Dec. 19, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Haggard 2-16C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013519380000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/14/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Plug Drill Out & Artificial Lift

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

• POOH w/ tbg & packer • RIH w/ bit & drill on CBPs @ 11,182' & 11,133'. • Push CBPs to bottom. • RIH w/ BHA, tubing and rod string • Clean location and resume production

Approved by the Utah Division of Oil, Gas and Mining

Date: February 25, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		2/10/2014

RECEIVED: Feb. 10, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Haggard 2-16C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013519380000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/17/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to recomplete into the Wasatch/LGR. See attached for details.

Approved by the
Utah Division of
Oil, Gas and Mining
March 14, 2016

Date: _____

By: _____

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		3/14/2016

RECEIVED: Mar. 14, 2016

Haggard 2-16C4 Recom Summary Procedure

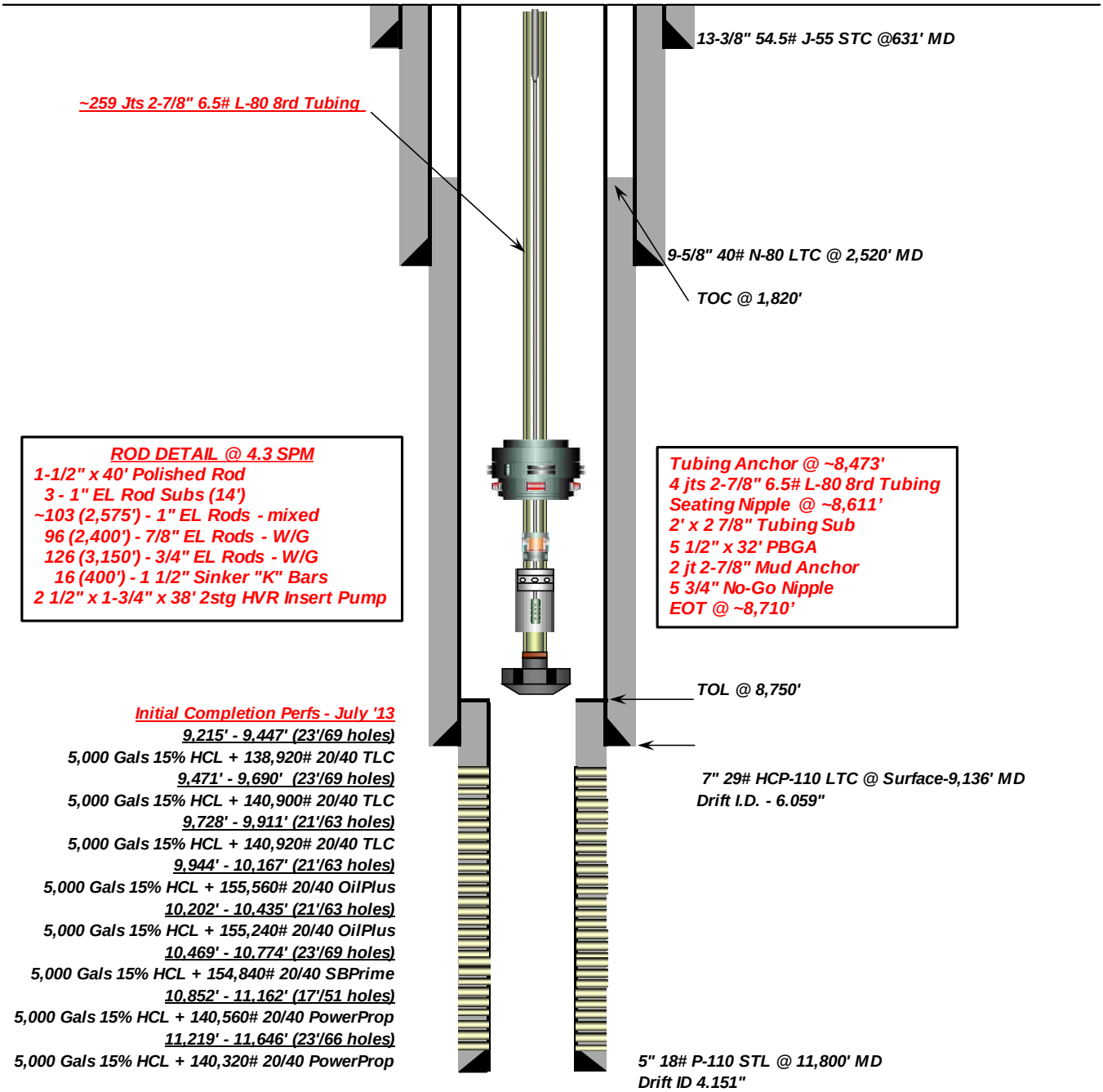
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 15k CBP for 5" 18# casing @ 9,200'.
- Stage 1:
  - Perforate new UW/LGR interval from **9,122' – 9,152'.**
  - Acid Frac Perforations with **6,000** gals 15% HCl acid (Stage 1 Recom).
- Stage 2:
  - RIH with 5" CBP & set @ 9,004'.
  - Perforate new LGR interval from **8,919' – 8,989'.**
  - Acid Frac Perforations with **9,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
  - RIH w/ 5" CBP & set @ 8,790'.
  - Perforate new LGR interval from **8,684' – 8,734**'.
  - Prop Frac perforations with with **30,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 3 Recom).
- Stage 4:
  - RIH w/ 7" CBP & set @ 8,352'.
  - Perforate new LGR interval from **8,132' – 8,337**'.
  - Prop Frac perforations with with **105,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **12,000** gals 15% HCl acid) (Stage 4 Recom).
- Stage 5:
  - RIH w/ 7" CBP & set @ 8,102'.
  - Perforate new LGR interval from **7,984' – 8,087**'.
  - Prop Frac perforations with with **60,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **8,000** gals 15% HCl acid) (Stage 5 Recom).
- Clean out well drilling up (2) 7" CBPs and (2) 5" CBP, leaving 5" 15k CBP @ 9,200' w/ 15' CMT. (PBTD @ 9,185'). Top perf BELOW plugs @ 9,215'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

RECEIVED: Mar. 14, 2016

EP ENERGY

Current Pumping Schematic

Company Name:	EP Energy	Last Updated:	3/9/2016
Well Name:	Haggard 2-16 C4	By:	Krug
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	TD:	11,800'
Surface Location:	Lat: 40° 13' 25.94645" N Long: 110° 20' 44.30002" W	BHL:	
Producing Zone(s):	Wasatch	Elevation:	

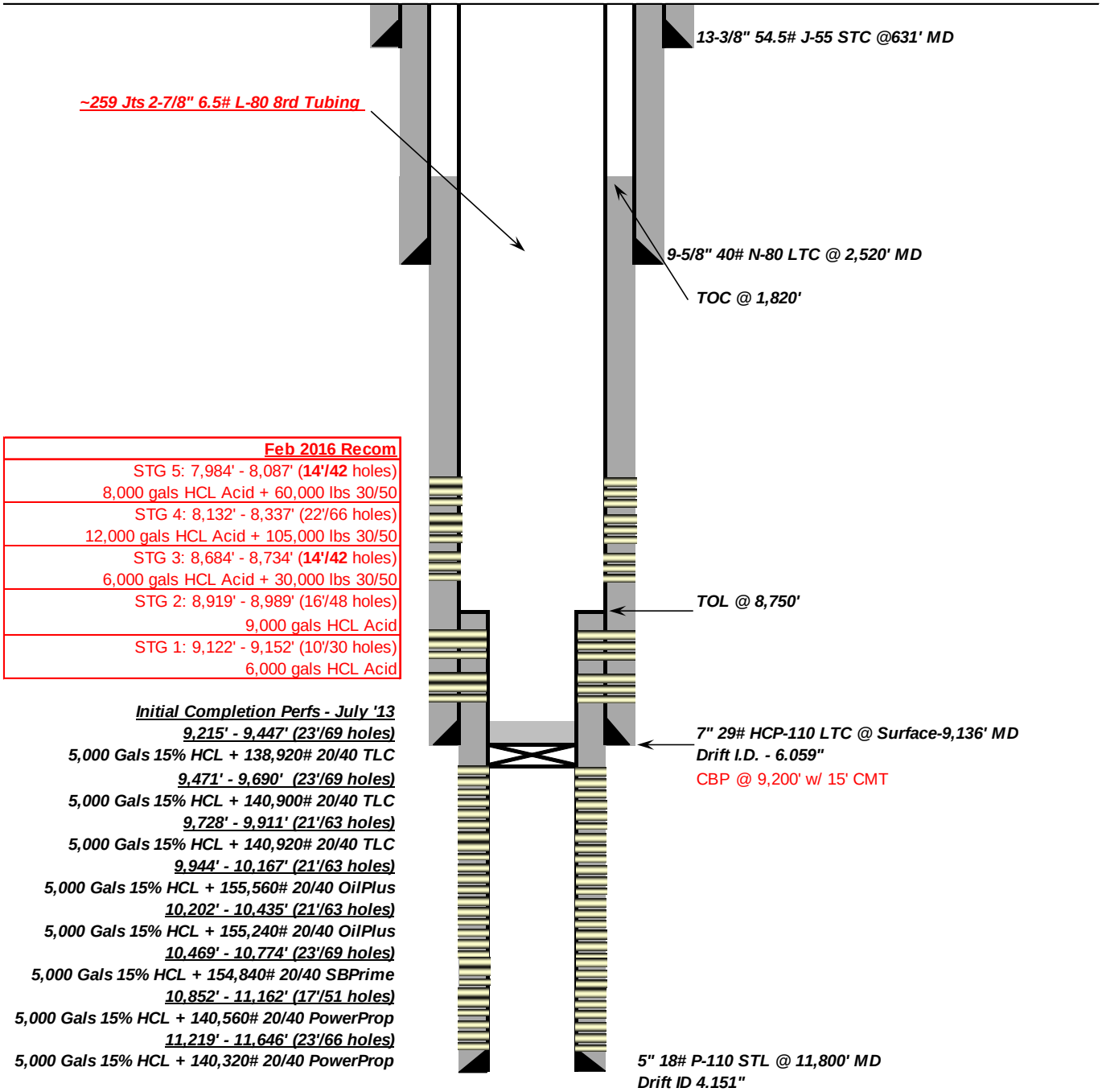


RECEIVED: Mar. 14, 2016

EP ENERGY

Proposed Pumping Schematic

Company Name:	EP Energy	**Last Updated:**	3/10/2016
Well Name:	Haggard 2-16 C4	**By:**	Krug
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**TD:**	11,800'
Surface Location:	Lat: 40˚ 13' 25.94645" N Long: 110˚ 20' 44.30002" W	**BHL:**	
Producing Zone(s):	Wasatch	**Elevation:**	



Feb 2016 Recom
STG 5: 7,984' - 8,087' (**14'/42** holes) 8,000 gals HCL Acid + 60,000 lbs 30/50
STG 4: 8,132' - 8,337' (22'/66 holes) 12,000 gals HCL Acid + 105,000 lbs 30/50
STG 3: 8,684' - 8,734' (**14'/42** holes) 6,000 gals HCL Acid + 30,000 lbs 30/50
STG 2: 8,919' - 8,989' (16'/48 holes) 9,000 gals HCL Acid
STG 1: 9,122' - 9,152' (10'/30 holes) 6,000 gals HCL Acid

Initial Completion Perfs - July '13
9,215' - 9,447' (23'/69 holes)
5,000 Gals 15% HCL + 138,920# 20/40 TLC
9,471' - 9,690' (23'/69 holes)
5,000 Gals 15% HCL + 140,900# 20/40 TLC
9,728' - 9,911' (21'/63 holes)
5,000 Gals 15% HCL + 140,920# 20/40 TLC
9,944' - 10,167' (21'/63 holes)
5,000 Gals 15% HCL + 155,560# 20/40 OilPlus
10,202' - 10,435' (21'/63 holes)
5,000 Gals 15% HCL + 155,240# 20/40 OilPlus
10,469' - 10,774' (23'/69 holes)
5,000 Gals 15% HCL + 154,840# 20/40 SBPrime
10,852' - 11,162' (17'/51 holes)
5,000 Gals 15% HCL + 140,560# 20/40 PowerProp
11,219' - 11,646' (23'/66 holes)
5,000 Gals 15% HCL + 140,320# 20/40 PowerProp

RECEIVED: Mar. 14, 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013519380000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/24/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approved Sundry 70396 on 03.14.16 has had a slight change of plans to the treatment of stage 5. Please see attached summary procedure for details. Basically it was decided to use 12,000 gallons acid instead of 8,000 gals acid, 5,000 lbs 100 mesh, and 60,000 lbs 30/50 prop.

Approved by the Utah Division of Oil, Gas and Mining
March 23, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Regulatory Analyst
SIGNATURE N/A		**DATE** 3/22/2016

RECEIVED: Mar. 22, 2016

Haggard 2-16C4 Recom Summary Procedure

V2 changes STG 5 to acid only (from prop & acid)

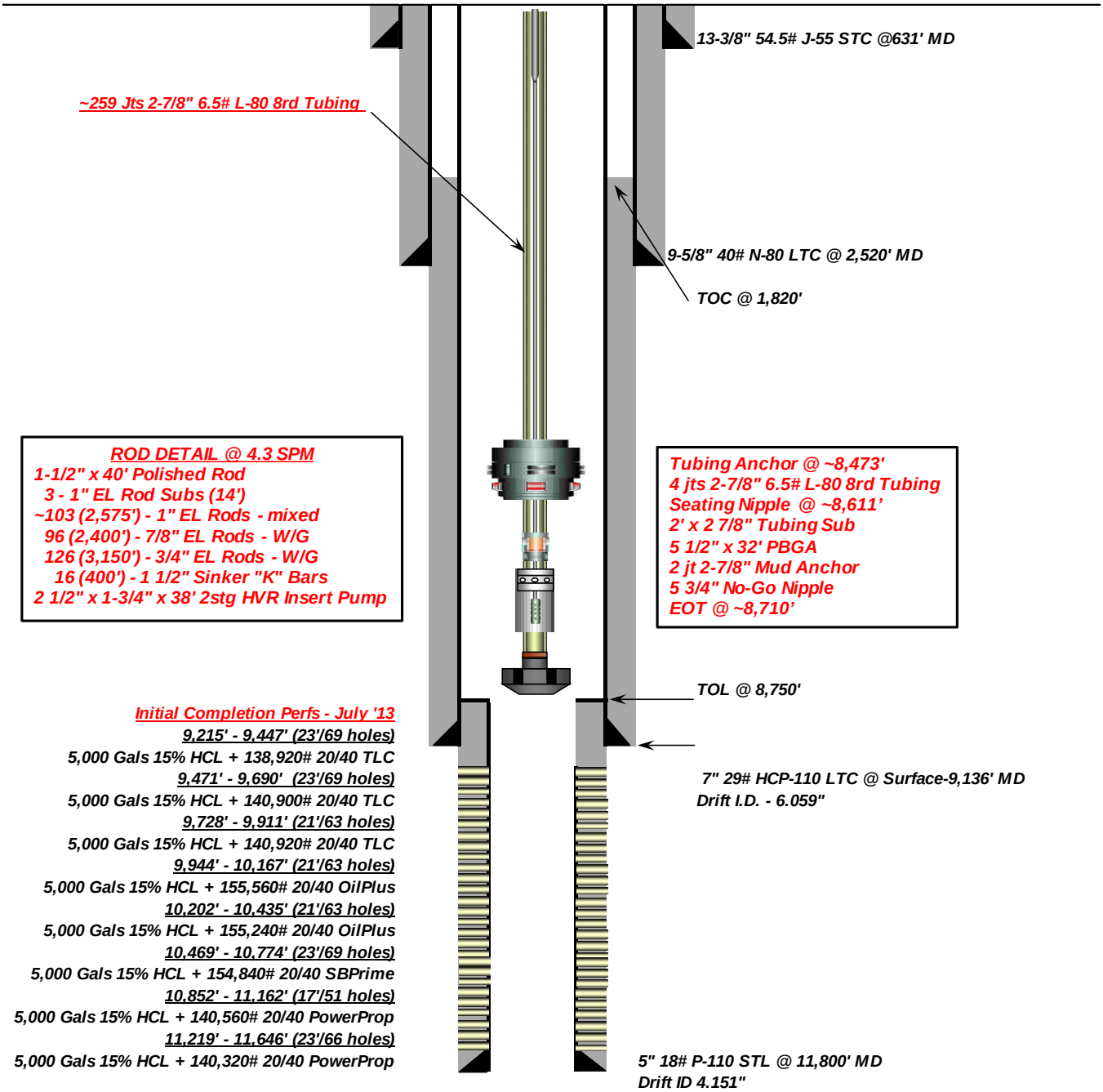
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 15k CBP for 5" 18# casing @ 9,200'.
- Stage 1:
  - Perforate new UW/LGR interval from **9,122' – 9,152'.**
  - Acid Frac Perforations with **6,000** gals 15% HCl acid (Stage 1 Recom).
- Stage 2:
  - RIH with 5" CBP & set @ 9,004'.
  - Perforate new LGR interval from **8,919' – 8,989'.**
  - Acid Frac Perforations with **9,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
  - RIH w/ 5" CBP & set @ 8,790'.
  - Perforate new LGR interval from **8,684' – 8,734**'.
  - Prop Frac perforations with **30,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **6,000** gals 15% HCl acid) (Stage 3 Recom).
- Stage 4:
  - RIH w/ 7" CBP & set @ 8,352'.
  - Perforate new LGR interval from **8,132' – 8,337**'.
  - Prop Frac perforations with **105,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **12,000** gals 15% HCl acid) (Stage 4 Recom).
- Stage 5:
  - RIH w/ 7" CBP & set @ 8,102'.
  - Perforate new LGR interval from **7,984' – 8,087**'.
  - Acid frac perforations with **12,000** gals 15% HCl acid (Stage 5 recom)
    - **Was previously** prop frac with **60,000** lbs 30/50 prop (w/ **5,000** lbs 100 mesh & **8,000** gals 15% HCl acid)
- Clean out well drilling up (2) 7" CBPs and (2) 5" CBP, leaving 5" 15k CBP @ 9,200' w/ 15' CMT. (PBTD @ 9,185'). Top perf BELOW plugs @ 9,215'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

RECEIVED: Mar. 22, 2016

EP ENERGY

Current Pumping Schematic

Company Name:	EP Energy	**Last Updated:**	3/9/2016
Well Name:	Haggard 2-16 C4	**By:**	Krug
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**TD:**	11,800'
Surface Location:	Lat: 40° 13' 25.94645" N Long: 110° 20' 44.30002" W	**BHL:**	
Producing Zone(s):	Wasatch	**Elevation:**	



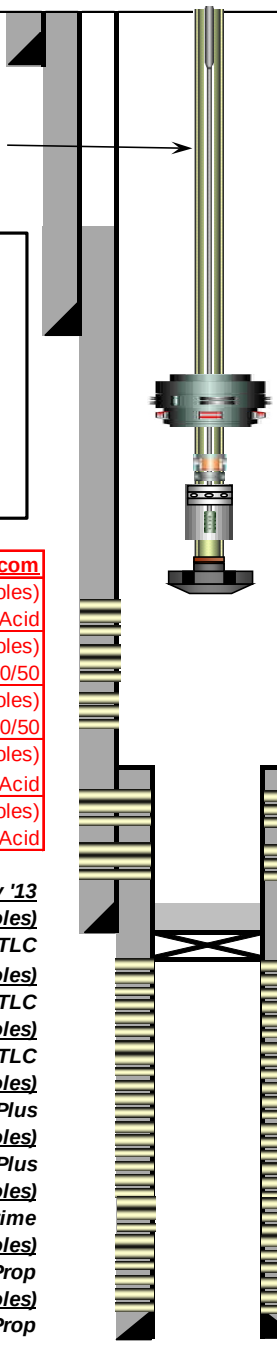
RECEIVED: Mar. 22, 2016

EP ENERGY

Proposed Pumping Schematic

Company Name: EP Energy
Well Name: Haggard 2-16 C4
Field, County, State: Altamont - Bluebell, Duchesne, Utah
Surface Location: Lat: 40° 13' 25.94645" N Long: 110° 20' 44.30002" W
Producing Zone(s): Wasatch

Last Updated: 3/21/2016
By: Krug/Tomova/Weitzel
TD: 11,800'
BHL:
Elevation:



13-3/8" 54.5# J-55 STC @631' MD

~237 Jts 2-7/8" 6.5# L-80 8rd Tubing

TOC @ 1,820'

9-5/8" 40# N-80 LTC @ 2,520' MD

ROD DETAIL @ 4.3 SPM
1-1/2" x 40' Polished Rod
3 - 1" EL Rod Subs (14')
~104 (2,600') - 1" EL Rods - mixed
*top ~80 slick; bottom 24 W/G
96 (2,400') - 7/8" EL Rods - W/G
92 (2,300') - 3/4" EL Rods - W/G
16 (400') - 1 1/2" Sinker "C" Bars
*run stabilizers b/w every sinker bar
2-1/4" x 40' HF Pump Plunger

Tubing Anchor @ ~7,575'
4 jts 2-7/8" 6.5# L-80 8rd Tubing
2-7/8" X 2-1/4" X 40' Pump Barrel
Seating Nipple @ ~7,700'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jt 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ ~7,800'

Feb 2016 Recom
STG 5: 7,984' - 8,087' (14'/42 holes) 12,000 gals HCL Acid
STG 4: 8,132' - 8,337' (22'/66 holes) 12,000 gals HCL Acid + 105,000 lbs 30/50
STG 3: 8,684' - 8,734' (14'/42 holes) 6,000 gals HCL Acid + 30,000 lbs 30/50
STG 2: 8,919' - 8,989' (16'/48 holes) 9,000 gals HCL Acid
STG 1: 9,122' - 9,152' (10'/30 holes) 6,000 gals HCL Acid

TOL @ 8,750'

Initial Completion Perfs - July '13
9,215' - 9,447' (23'/69 holes)
5,000 Gals 15% HCL + 138,920# 20/40 TLC
9,471' - 9,690' (23'/69 holes)
5,000 Gals 15% HCL + 140,900# 20/40 TLC
9,728' - 9,911' (21'/63 holes)
5,000 Gals 15% HCL + 140,920# 20/40 TLC
9,944' - 10,167' (21'/63 holes)
5,000 Gals 15% HCL + 155,560# 20/40 OilPlus
10,202' - 10,435' (21'/63 holes)
5,000 Gals 15% HCL + 155,240# 20/40 OilPlus
10,469' - 10,774' (23'/69 holes)
5,000 Gals 15% HCL + 154,840# 20/40 SBPrime
10,852' - 11,162' (17'/51 holes)
5,000 Gals 15% HCL + 140,560# 20/40 PowerProp
11,219' - 11,646' (23'/66 holes)
5,000 Gals 15% HCL + 140,320# 20/40 PowerProp

7" 29# HCP-110 LTC @ Surface-9,136' MD
Drift I.D. - 6.059"
CBP @ 9,200' w/ 15' CMT

5" 18# P-110 STL @ 11,800' MD
Drift ID 4.151"

RECEIVED: Mar. 22, 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013519380000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5138 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☑ SUBSEQUENT REPORT — Date of Work Completion: 6/8/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: DO Plugs

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Plugs @ 8102', 8352', 8352', 9004' & 9172' were dilled out leaving CBP @ 9200' with 15' of cement on top. The recompletion only had perf's 7984'-8087' open and the 8132'-8337', 8684'-8743', 8919'-8989' and 9122'-9152' perforations were isolated by the CBP's. Now all the listed perforations are open. See attached for details.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 06, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5138	Consultant
SIGNATURE N/A		**DATE** 10/6/2016

RECEIVED: Oct. 06, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:00	8:42	1.70	WOR	39		P		CSIP 100 PSI BLEED OFF PRESSURE CONTINUE TIH w 81 JTS OF 2-7/8" TBG SPACE OUT PKR
	8:42	11:30	2.80	WOR	06		P		R/U CIRC PKR FLUID
	11:30	13:00	1.50	WOR	16		P		LAND TBG w BREACH LOCK HANGER N/D BOPE N/D 7" MASTER VALVE
	13:00	18:24	5.40	WOR	39		P		TIH w 103-1" RODS 96-7/8" RODS 126-3/4" RODS TOH L/D SAME
	18:24	20:00	1.60	WOR	16		P		N/U WELL HEAD PLUM IN TO FACILITIES TEST CSG TO 1000 PSI TEST WELL HEAD AND LINES PUMP OUT PLUG OPEN WELL ON A 16/64 CHOCK 0 PSI TURN WELL OVER TO FLOW BACK
6/3/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (RU PROCEDURES)
	7:30	13:00	5.50	MIRU	01		P		MIRU, PUMP 80 BBLS KCL, INSTALL BACK PRESSURE VALVE. ND TREE NU BOP AND HYDRILL, PULL BPV, INSTALL 2 WAY. TEST BOP AND HYDRILL TO 4800 PSI HIGH AND 250 PSI LOW, RETRIEVE 2 WAY, TURN 1/4 TURN DROP DOWN AND RELEASE PACKER.
	13:00	16:00	3.00	UNINSTUB	39		P		L/D 1 JT, SUBS, POOH W/ 238 JTS L/D PACKER ASSEMBLY.
	16:00	19:00	3.00	WOR	39		P		MU & RIH W/ 6" BIT, BIT SUB, 239 JTS 2 7/8". RUN PUMP AND RETURN LINES. BARRIERS FOR TBG 1 INSTALL AND SHUT TIW,2 INSTALL BULL PLUG. CASING BARRIERS 1 KCL, 2 SHUT AND LOCK PIPE RAMS. SHUT CASING VALVES AND INSTALL BULL PLUGS, LEAVE FLOW LINE TO FACILITIES.
6/4/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL)
	7:30	19:00	11.50	WOR	40		P		BWD, CIH W/ 10 JTS TAG, RU SWIVEL, DRILL UP CBP @ 8102' CIRC CLEAN, RIH W/ 8 JTS TAG AND DRILL CBP @ 8352', CIRC CLEAN CIH W/ 12 JTS TAG AND CLEAN UP PLUG PARTS @ LINER TOP AT 8750' CIRCULATE CLEAN, TOP KILL TUBING, POOH W/ 30 JTS, OPEN ON 24/64 CHOKE TOT FLOW BACK CREW. CREW TRAVEL.
6/5/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TUBING)
	7:30	12:30	5.00	WOR	39		P		BWD, CIRCULATE WELL CLEAN, POOH W/ 239 JTS, L/D 6" BIT
	12:30	20:30	8.00	WOR	39		P		RIH W/ 4 1/8" MILL, 17 JTS 2 3/8", 253 JTS TAG LINER TOP RU SWIVEL BREAK CIRCULATION CLEAN OUT PLUG PARTS ON LINER, CIH TAG AND DRILL CBPS @ 9004', 9172' PUSH TO NEW PBTD @ 9185' W/ JT# 264 DRILL PLUG REMAINS OFF CEMENT, CIRCULATE CLEAN, L/D WORK STRING COOH ABOVE PERFS. BARRIERS FOR TBG 1 INSTALL AND SHUT TIW,2 INSTALL BULL PLUG. CASING BARRIERS 1 KCL, 2 SHUT AND LOCK PIPE RAMS, SHUT HYDRILL. SHUT CASING VALVES AND INSTALL BULL PLUGS, LEAVE FLOW LINE TO FACILITIES. CREW TRAVEL
6/6/2016	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY SDFWE
6/7/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TUBING)
	7:30	9:00	1.50	WOR	06		P		BWD, CIRCULATE WELL CLEAN
	9:00	12:00	3.00	WOR	39		P		POOH W/ 2 7/8" AND L/D 17 JTS 2 3/8" AND 4 1/8" MILL.
	12:00	20:30	8.50	INSTUB	39		P		RU HYDRO TESTER, PUMU & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8", 5 1/2" PBGA, 2' PUP, 2' PUP, 40' 2 7/8" PUMP BARRELL, 4' PUP JT, START TESTING TO 8500 PSI, 4 JTS 2 7/8", 7" TAC, 230 JTS 2 7/8" 8RD EUE TBG NO LEAKS FOUND. RD TESTING UNIT, SET TAC, TEMPORARY LAND TUBING IN COMPRESSION. RD WORK FLOOR, ND BOP RE LAND TUBING W/ B FLANGE AND 23K TENSION. UN ABLE TO INSTALL 3/8" CAP TUBE FITTINGS GAULD. MU PUMP T, BARRIER AND CASING VALVE SHUT W/ NIGHT CAP, INSTALL TIW VALVE W/ NIGHT CAP. BULL PLUG AND CLOSE 1"
6/8/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PU RODS)
	7:30	10:00	2.50	WOR	06		P		MU FLOW FLOW LINES, FLUSH TUBING W/ 80 BBLS KCL, DROP S/V PUMP 10 GAL INH, AND TUBING VOLUME.

RECEIVED: Oct. 06, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	10:00 17:00	7.00	INARTLT	39		P		PUMU & RIH W/ 2.25 PLUNGER, 1 1/2" X 40' P ROD, STAB SUB, 17 1 1/2" WT BARS W/ STAB SUBS, 92 3/4" W/G, 96 7/8" W/G, 98 1" (36 W/G, 62 SLICK, SPACE OUT W/ 8',4'2-2' SUBS AND 1 1/2" X 40' P ROD, FILL W/ 5 BBLS L/S TO 1000 PSIG.
	17:00 19:00	2.00	RDMO	02		P		RD SLIDE UNIT, CHECK NO TAG, TOTP MOL TO 3-34 C6

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP Energy E&P Company, L. P.

9. API NUMBER: 4301351938

3. ADDRESS OF OPERATOR: P.O. Box 4660 CITY Houston STATE TX ZIP 77210-4660

PHONE NUMBER: (713) 997-5138

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 900 FNL & 1000 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 900 FNL & 1000 FWL
AT TOTAL DEPTH: 900 FNL & 1000 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 16 3S 4W U.S.B.& M.

12. COUNTY

13. STATE: UTAH

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED:		17. ELEVATIONS (DF, RKB, RT, GL):
6/15/2013	7/5/2013	3/29/2016	ABANDONED ☐ READY TO PRODUCE ☑	5921

18. TOTAL DEPTH:	19. PLUG BACK T.D.:	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE PLUG SET:
MD 11,800	MD		MD
TVD 11,762	TVD		TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously Submitted

23.
WAS WELL CORED? NO ☐ YES ☐ (Submit analysis)
WAS DST RUN? NO ☐ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
Previously									
Submitted									

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	7,862							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,109	11,646	9,071	11,608
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(see page 3 for #27 information)			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9200'	CBP with 15' cement on top

29. ENCLOSED ATTACHMENTS:
Please see Page 3 for #28 Perf Treatment Information

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:
Producing

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Oct. 05, 2016

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
3/29/2016		4/1/2016		24			272	62	39	Rod Pump
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
16	475	500	37.00	1,369	0		272	62	39	Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
UGR	4,250
MGR	5,985
LGR	7,256
Wasatch	9,109

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S Gomez TITLE Consultant

SIGNATURE Maria A. Gomez Maria S Gomez 2016.10.05 14:46:11 -05'00' DATE 10/5/2016

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Oct. 05, 2016

Attachment to Well Completion Report

Form 8 Dated: October 5, 2016

Well Name: Haggard 2-16C4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom–MD)	Hole Size	No. of Holes	Perf. Status
7984'-8087'	.46	20	Open
8132'-8337'	.46	48	Open
8684'-8743'	.46	42	Open
8919'-8989'	.46	66	Open
9122'-9152'	.46	42	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7984'-8087'	11340 Gals 15% HCL Acid
8132'-8337'	11340 Gals 15% HCL Acid, 5944# 100 Mesh, 104616# 30/50 White
8684'-8743'	6000 Gals 15% HCL Acid, 4756# 100 Mesh, 30844# 30/50 White
8919'-8989'	8820 Gals 15% HCL Acid
9122'-9152'	5166 Gals 15% HCL Acid

RECEIVED: Oct. 05, 2016

CENTRAL DIVISION

ALTAMONT FIELD
HAGGARD 2-16C4
HAGGARD 2-16C4
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Oct. 05, 2016

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	HAGGARD 2-16C4		
Project	ALTAMONT FIELD	**Site**	HAGGARD 2-16C4
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	3/17/2016	**End date**	6/8/2016
Spud Date/Time	6/18/2013	**UWI**	HAGGARD 2-16C4
Active datum	KB @5,937.8usft (above Mean Sea Level)		
Afe No./Description	166441/56432 / HAGGARD 2-16C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
3/18/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TI LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 9:00	2.00	MIRU	01		P		SLIDE ROTO FLEX MIRU PUMP 60 BBLS OF 2% KCL DOWN CSG
	9:00 10:00	1.00	WOR	39		P		L/D POLISH ROD WORK PUMP OFF SEAT FLUSH TBG w 60 BBLS OF 2% KCL WATER
	10:00 13:20	3.33	WOR	39		P		TOH w RODS L/D 34-3/4" RODS L/D PUMP
	13:20 15:10	1.83	WOR	16		P		N/D WELL HEAD N/U AND TEST BOPE RELEASE 7" TAC
	15:10 15:10	0.00	WOR	39		P		MIRU SCANNING EQUIPMENT TOH SCAN TBG 0 RED 7 BLUE 256 YELLOW R/D SCANNING EQUIPMENT SECURE WELL CLOSE BOPE AND LOCK CLOSE CSG VALVES AND NIGHT CAP SDFN
3/19/2016	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TI LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 9:38	2.63	WLWORK	27		P		MIRU WIRELINE RIG UP FLOW BACK LINE ON SURFACE CSG SCSIP 150 PSI BLEED OFF PRESSURE NO FLOW CSIP 50 PSI BLEED OFF CSG P/U AND TEST LUBRICATOR
	9:38 12:20	2.70	WLWORK	27		P		P/U 6" GAUGE RING AND JUNK BASKET TIH TO 8750' TOH L/D SAME P/U 4-1/8" GAUGE RING TIH TO 9205' TOH L/D SAME P/U TIH w 5" 15K CBP AND SET AT 9200' TOH L/D SETTING TOOL
	12:20 14:30	2.17	WLWORK	06		P		R/U PUMP AND LINES FILL CSG w 240 BBLS OF 2% KCL WATER
	14:30 16:10	1.67	WLWORK	27		P		TIH DUMP BAIL 15' OF CMT TOH L/D BAILER NEW PBTD 9185'
	16:10 17:30	1.33	WOR	16		P		N/D BOPE N/U 7" FRAC VALVE SECURE WELL CLOSE MASTER VALVE w NIGHT CAP SDFW
3/22/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PREPARE FOR FRAC
	7:00 9:12	2.20	WOR	16		P		SURFACE CSG 0 PSI FILL 7" CSG TEST PLUG AND CSG TO 8000 PSI GOOD TEST BLEED OFF PRESSURE
	9:12 11:40	2.47	WOR	16		P		N/U AND TEST 7" FRAC STACK R/U WATER TRANSFER LINES R/U AND TEST FLOW BACK

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	11:40 13:30	1.83	WLWORK	21		P		PERFORATRE STG 1 P/U 3 1/8" GUN 22.7 GM 3 JSPF 120 PHASING PERFORATE 9152' TO 9122' TOH L/D GUNS ALL PERFORATIONS CORRELATED TO LONE WOLF WIRELINE CCL/CBL/GR LOG RUN #2 2/12/2013 STARTING PRESSURE 0 PSI ENDING PRESSURE 0 PSI SECURE WELL CLOSE 7" MASTER VALVE 7" HCR VALVES AND LOCK CLOSE 7" CSG VALVES w NIGHT CAP SDFN
3/23/2016	6:00 17:30	11.50	SITEPRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PREPARE FOR FRAC...START MOVING IN FRAC EQUIPMENT PREP LOCATION FOR FRAC TREAT FRAC WATER
3/24/2016	6:00 17:30	11.50	SITEPRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP...HEAT FRAC WATER MIRU FRAC EQUIPMENT
3/25/2016	6:00 7:00	1.00	STG01	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRAC OPERATIONS
	7:00 7:43	0.72	STG01	35		P		FINISH RIGGING UP PRIME TRUCKS
	7:43 8:37	0.90	STG01	35		P		ACID STAGE 1; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 0 PSI. BREAK DOWN STAGE 1 PERFORATIONS 9152'-9122' AT 3842 PSI 5 BPM ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 3271 F.G. .84 5 MIN 2737 10 MIN 2495 15 MIN 2262 PUMP 6000 GAL 15% HCL ACID DROP 36 BALLS 12 EVERY 1500 GALS OF ACID (TTL OF 3 DROPS) FLUSH FR WATER ISDP 3299 PSI. 5 MIN 3102 PSI 10 MIN 3011 PSI AVG RATE 34 BPM. AVG PSI 5150 PSI. MAX PSI 6614 PSI. TURN OVER TO WIRELINE
	8:37 10:00	1.38	STG02	21		P		STAGE 2; SET COMPOSITE FRAC 5" PLUG AT 9004' PRESSURE ON WELL 3000 PSI PERFORATE STAGE 2 PERFORATIONS 8989' TO 8919', 16 NET FEET 48 TTL SHOTS W/ 3-1/8" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 1200 PSI ALL PERFORATIONS CORRELATED TO LONE WOLF WIRELINE CCL/CBL/GR LOG RUN #2 2/12/2013
	10:00 11:00	1.00	STG02	35		P		ACID STAGE 2; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 1113 PSI. BREAK DOWN STAGE 2 PERFORATIONS 8989' TO 8919' AT 3273 PSI 5 BPM ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 2848 F.G. .75 5 MIN 2428 10 MIN 2105 15 MIN 1918 PUMP 9000 GAL 15% HCL ACID DROP 60 BALLS 12 EVERY 1500 GALS OF ACID (TTL OF 5 DROPS) FLUSH FR WATER ISDP 2955 PSI. 5 MIN 2817 PSI 10 MIN 2752 PSI AVG RATE 35 BPM. AVG PSI 4186 PSI. MAX PSI 6751 PSI. TURN OVER TO WIRELINE
	11:00 12:22	1.37	STG03	21		P		STAGE 3; SET COMPOSITE FRAC 5" PLUG AT 8790' PRESSURE ON WELL 2500 PSI PERFORATE STAGE 3 PERFORATIONS 8743' TO 8684', 14 NET FEET 42 TTL SHOTS W/ 3-1/8" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 1200 PSI ALL PERFORATIONS CORRELATED TO LONE WOLF WIRELINE CCL/CBL/GR LOG RUN #2 2/12/2013
	12:22 13:55	1.55	STG03	35		P		STAGE 3; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 1319 PSI. BREAK DOWN STAGE 3 PERFORATIONS 8743' TO 8684' AT 2818 PSI 6.3 BPM PUMP 5000 GAL 15% HCL ACID FLUSH FR WATER STEP DOWN RATE IN 4 STEPS ISDP 2390 PSI F.G. .71...5 MINUTE 1751 PSI. 10 MINUTE 1619 PSI. 15 MINUTE 1521 PSI. TREAT STAGE 3... AS PER PROCEDURE PAD FR WATER PAD 25# CROSSLINK 0.5# 100M SWEEP.5# 30/50 1# 30/50 1.75# 30/50 2.5# 30/50 STG FLUSH TO TOP PERF...ISDP 3388 PSI. FG.82 5 MIN 2745 PSI 10 MIN 2614 PSI AVG RATE 70 BPM. AVG PSI 4667 PSI. MAX PSI 5433 PSI. TTL WHITE 30/50 35600# TURN OVER TO WIRELINE

RECEIVED: Oct. 05, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	13:55 15:50	1.92	STG04	21		P		STAGE 4; SET COMPOSITE FRAC 7" PLUG AT 8352' PRESSURE ON WELL 2500 PSI PERFORATE STAGE 4 PERFORATIONS 8337' TO 8132', 22 NET FEET 66 TTL SHOTS W/ 3-1/8" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 1200 PSI ALL PERFORATIONS CORRELATED TO LONE WOLF WIRELINE CCL/CBL/GR LOG RUN #2 2/12/2013
	15:50 17:37	1.78	STG04	35		P		STAGE 4; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 773 PSI. BREAK DOWN STAGE 4 PERFORATIONS 8337' TO 8132' AT 2606 PSI 6.3 BPM PUMP 5000 GAL 15% HCL ACID FLUSH FR WATER STEP DOWN RATE IN 4 STEPS ISDP 1719 PSI F.G. .64...5 MINUTE 1601 PSI. 10 MINUTE 1507 PSI. 15 MINUTE 1437 PSI. TREAT STAGE 4... AS PER PROCEDURE PAD FR WATER PAD 25# CROSSLINK 0.5# 100M SWEEP.5# 30/50 1# 30/50 1.5# 30/50 2# 30/50 3# 30/50 STG FLUSH TO TOP PERF...ISDP 2069 PSI. FG.68 5 MIN 1809 PSI 10 MIN 1767 PSI AVG RATE 76 BPM. AVG PSI 2791 PSI. MAX PSI 3124 PSI. TTL WHITE 30/50 110560# TURN OVER TO WIRELINE
	17:37 19:30	1.88	STG05	21		P		STAGE 5; SET COMPOSITE FRAC 7" PLUG AT 8102' PRESSURE ON WELL 1700 PSI PERFORATE STAGE 5 PERFORATIONS 8087' TO 7984', 14 NET FEET 42 TTL SHOTS W/ 3-1/8" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 1100 PSI ALL PERFORATIONS CORRELATED TO LONE WOLF WIRELINE CCL/CBL/GR LOG RUN #2 2/12/2013
	19:30 23:00	3.50	STG05	35		P		ACID STAGE 5; PRESSURE TEST LINES TO 9500 PSI. OPEN WELL. SICP 422 PSI. BREAK DOWN STAGE 5 PERFORATIONS 8087' TO 7984' AT 4404 PSI 5 BPM ESTABLISH RATE STEP DOWN RATE IN 4 STEPS ISDP 1531 F.G. .62 5 MIN 1041 10 MIN 918 15 MIN 801 PUMP 12000 GAL 15% HCL ACID DROP 50 BALLS 10 EVERY 2000 GALS OF ACID (TTL OF 5 DROPS) FLUSH FR WATER ISDP 1513 PSI. 5 MIN 1368 PSI 10 MIN 1088 PSI AVG RATE 36 BPM. AVG PSI 4218 PSI. MAX PSI 7544 PSI. SECURE WELL CLOSE 7" MASTER VALVE CLOSE HCR VALVES AND LOCK R/D STAND PIPES R/D WIRELINE WAIT 3 HRS
	23:00 6:00	7.00	FB	17		P		OPEN WELL AT 11:00 900 PSI ON A 12/64 CHOCK WELL FLOWED 284 BBLS OF WATER 0 BBLS OF OIL 0 GAS PRESSURE 600 PSI ON 14/64 CHOCK
3/26/2016	6:00 7:00	1.00	WHDTRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/D FRAC SATCK
	7:00 13:30	6.50	WLWORK	16		P		N/D FRAC STACK TO BTM HCR VALVE R/D FRAC EQUIPMENT R/D WIRELINE CONTINUE FLOWING WELL
	13:30 6:00	16.50	FB	17		P		FLOW BACK WELL 827 BBLS OF WATER 0 OIL 0 GAS 300 PSI 18/64 CHOCK
3/27/2016	6:00 6:00	24.00	FB	17		P		FLOW BACK WELL 335 BBLS OF WATER 412 BBLS OF OIL FLARED GAS 310 PSI ON A 20/64 CHOCK
3/28/2016	6:00 6:00	24.00	FB	17		P		FLOW BACK WELL 199 BBLS OF WATER 468 BBLS OF OIL MCFD 141 260 PSI ON A 22/64 CHOCK
3/29/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LCOATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE OPERATIONS
	7:00 13:45	6.75	WLWORK	27		P		FLOW BACK WELL MIRU WIRELINE TRUCK RUN 6" GAUGE RING TO 7900' TOH L/D SAME P/U 7" WL SET PKR TIH SET AT 7850' TOH R/D WIRELINE
	13:45 15:20	1.58	WOR	17		P		CSIP 400 PSI BLEED OFF WELL
	15:20 16:33	1.22	WOR	16		P		N/D BTM HCR VALVE N/U AND TEST 5K BOPE
	16:33 16:51	0.30	WOR	39		P		TIH w 16 JTS OF 2-7/8" TBG TOH L/D 16-JTS OF 2-7/8" TBG
	16:51 16:51	0.00	WOR	39		P		P/U ON/OFF TOOL TALLY IN w 160 JTS OF 2-7/8" TBG EOT 5220' SECURE WELL CLOSE BOPE AND LOCK CLOSE 7" CSG w NIGHT CAPS INTALL TIW VALVE w NIGHT CAP SDFN
3/30/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:00	8:42	1.70	WOR	39		P		CSIP 100 PSI BLEED OFF PRESSURE CONTINUE TIH w 81 JTS OF 2-7/8" TBG SPACE OUT PKR
	8:42	11:30	2.80	WOR	06		P		R/U CIRC PKR FLUID
	11:30	13:00	1.50	WOR	16		P		LAND TBG w BREACH LOCK HANGER N/D BOPE N/D 7" MASTER VALVE
	13:00	18:24	5.40	WOR	39		P		TIH w 103-1" RODS 96-7/8" RODS 126-3/4" RODS TOH L/D SAME
	18:24	20:00	1.60	WOR	16		P		N/U WELL HEAD PLUM IN TO FACILITIES TEST CSG TO 1000 PSI TEST WELL HEAD AND LINES PUMP OUT PLUG OPEN WELL ON A 16/64 CHOCK 0 PSI TURN WELL OVER TO FLOW BACK
6/3/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (RU PROCEDURES)
	7:30	13:00	5.50	MIRU	01		P		MIRU, PUMP 80 BBLS KCL, INSTALL BACK PRESSURE VALVE. ND TREE NU BOP AND HYDRILL, PULL BPV, INSTALL 2 WAY. TEST BOP AND HYDRILL TO 4800 PSI HIGH AND 250 PSI LOW, RETRIEVE 2 WAY, TURN 1/4 TURN DROP DOWN AND RELEASE PACKER.
	13:00	16:00	3.00	UNINSTUB	39		P		L/D 1 JT, SUBS, POOH W/ 238 JTS L/D PACKER ASSEMBLY.
	16:00	19:00	3.00	WOR	39		P		MU & RIH W/ 6" BIT, BIT SUB, 239 JTS 2 7/8". RUN PUMP AND RETURN LINES. BARRIERS FOR TBG 1 INSTALL AND SHUT TIW,2 INSTALL BULL PLUG. CASING BARRIERS 1 KCL, 2 SHUT AND LOCK PIPE RAMS. SHUT CASING VALVES AND INSTALL BULL PLUGS, LEAVE FLOW LINE TO FACILITIES.
6/4/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL)
	7:30	19:00	11.50	WOR	40		P		BWD, CIH W/ 10 JTS TAG, RU SWIVEL, DRILL UP CBP @ 8102' CIRC CLEAN, RIH W/ 8 JTS TAG AND DRILL CBP @ 8352', CIRC CLEAN CIH W/ 12 JTS TAG AND CLEAN UP PLUG PARTS @ LINER TOP AT 8750' CIRCULATE CLEAN, TOP KILL TUBING, POOH W/ 30 JTS, OPEN ON 24/64 CHOKE TOT FLOW BACK CREW. CREW TRAVEL.
6/5/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TUBING)
	7:30	12:30	5.00	WOR	39		P		BWD, CIRCULATE WELL CLEAN, POOH W/ 239 JTS, L/D 6" BIT
	12:30	20:30	8.00	WOR	39		P		RIH W/ 4 1/8" MILL, 17 JTS 2 3/8", 253 JTS TAG LINER TOP RU SWIVEL BREAK CIRCULATION CLEAN OUT PLUG PARTS ON LINER, CIH TAG AND DRILL CBPS @ 9004', 9172' PUSH TO NEW PBTD @ 9185' W/ JT# 264 DRILL PLUG REMAINS OFF CEMENT, CIRCULATE CLEAN, L/D WORK STRING COOH ABOVE PERFS. BARRIERS FOR TBG 1 INSTALL AND SHUT TIW,2 INSTALL BULL PLUG. CASING BARRIERS 1 KCL, 2 SHUT AND LOCK PIPE RAMS, SHUT HYDRILL. SHUT CASING VALVES AND INSTALL BULL PLUGS, LEAVE FLOW LINE TO FACILITIES. CREW TRAVEL
6/6/2016	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY SDFWE
6/7/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TUBING)
	7:30	9:00	1.50	WOR	06		P		BWD, CIRCULATE WELL CLEAN
	9:00	12:00	3.00	WOR	39		P		POOH W/ 2 7/8" AND L/D 17 JTS 2 3/8" AND 4 1/8" MILL.
	12:00	20:30	8.50	INSTUB	39		P		RU HYDRO TESTER, PUMU & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8", 5 1/2" PBGA, 2' PUP, 2' PUP, 40' 2 7/8" PUMP BARRELL, 4' PUP JT, START TESTING TO 8500 PSI, 4 JTS 2 7/8", 7" TAC, 230 JTS 2 7/8" 8RD EUE TBG NO LEAKS FOUND. RD TESTING UNIT, SET TAC, TEMPORARY LAND TUBING IN COMPRESSION. RD WORK FLOOR, ND BOP RE LAND TUBING W/ B FLANGE AND 23K TENSION. UN ABLE TO INSTALL 3/8" CAP TUBE FITTINGS GAULD. MU PUMP T, BARRIER AND CASING VALVE SHUT W/ NIGHT CAP, INSTALL TIW VALVE W/ NIGHT CAP. BULL PLUG AND CLOSE 1"
6/8/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PU RODS)
	7:30	10:00	2.50	WOR	06		P		MU FLOW FLOW LINES, FLUSH TUBING W/ 80 BBLS KCL, DROP S/V PUMP 10 GAL INH, AND TUBING VOLUME.

RECEIVED: Oct. 05, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	10:00 17:00	7.00	INARTLT	39		P		PUMU & RIH W/ 2.25 PLUNGER, 1 1/2" X 40' P ROD, STAB SUB, 17 1 1/2" WT BARS W/ STAB SUBS, 92 3/4" W/G, 96 7/8" W/G, 98 1" (36 W/G, 62 SLICK, SPACE OUT W/ 8',4'2-2' SUBS AND 1 1/2" X 40' P ROD, FILL W/ 5 BBLS L/S TO 1000 PSIG.
	17:00 19:00	2.00	RDMO	02		P		RD SLIDE UNIT, CHECK NO TAG, TOTP MOL TO 3-34 C6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Haggard 2-16C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013519380000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5138 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/10/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Cancel Sundry 47753

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please cancel Sundry 47753 approved on 02/25/2014 as the work was never done.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 21, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst
SIGNATURE N/A		**DATE** 10/10/2016

RECEIVED: Oct. 10, 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Haggard 2-16C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013519380000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0900 FNL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 16 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/15/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Plug Drill Out

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

•POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods. •Pick up 4-1/8" rock bit, and run in hole to drill up (1) 5" CBP with 15' of cement @ 9,200'. Clean out to PBTD @ 11,708'. Note top perf BELOW plug is @ 9,215'. POOH. •Pull out of hole with work string and rock bit. •RIH w/ production tubing and rods according to WBD. •Clean location and resume production.

Approved by the
Utah Division of
Oil, Gas and Mining
January 12, 2017
Date:
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erik Hauser	713 997-6717	Sr EHS Specialist
SIGNATURE		**DATE**
N/A		12/6/2016

RECEIVED: Dec. 06, 2016

Plug Drill-Out Procedure

Haggard 2-16 C4

API #: 43-013-51162
Sec. 14, T2S – R3W
Latitude = 40˚ 13’ 25.94645” N Longitude = -110˚ 20’ 44.30002” W
Altamont Field
Duchesne County, Utah

AFE # 166441
Version #1

Objective : POOH w/ rod & pump equipment. Drill out CBP & cement and clean out to TD to commingle recompletion with initial completion. Reinstall production equipment (rods/pump) and return to production.

Prepared by: Robert E. Fondren Jr.
Digitally signed by Robert E. Fondren Jr.
DN: cn=Robert E. Fondren Jr., o=EP Energy, ou=Altamont Completions, email=robert.fondren@epenergy.com, c=US
Date: 2016.12.01 11:04:37 -06'00'
Robert Fondren

Approved by: _____
Troy Anderton

Approved by: _____
Allen Grubb

Distribution (Approved copies):
Robert Fondren
Troy Anderton
Allen Grubb
Well File (Central Records)
Altamont Office (Well Files)

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Haggard 2-16 C4 - Plug Drill Out Procedure

COMPANY PERSONNEL			
Title	**Name**	**Office**	**Mobile**
Completions Manager	Allen Grubb	(713) 997-6382	(713) 823-1459
Sr. Completions Engineer	Robert Fondren	(713) 997-4827	(713) 582-5425
Staff Completions Engineer	Ryan Krug	(713) 997-3384	(281) 682-7320
Completion Foreman	Troy Anderton	(435) 454-4229	(435) 823-1450
Completion Supervisor	Gerry Veazey	(713) 997-5903	(281) 753-8188

Tubular Data

String	Description	Burst (psi) 100%	Collapse (psi) 100%	Body Yield (Mlbs)	Jt Yield (Mlbs)	ID (in.)	Drift (in.)	TOC
Surface Casing	9-5/8" 40 ppf N-80 LTC @ 2,510' KB	5750	3090	916	737	8.835	8.679	Surf
Intermediate Casing	7" 29 ppf P-110 LTC @ 9,400' KB	11220	8510	929	797	6.184	6.059	
Production Liner	5" 18 ppf P-110 STL 9,190' – 12,100' KB	13940	15360	580	341	4.267	4.151	
Tubing	2-7/8" 6.5 ppf N-80	10570	11160		145	2.441	2.347	
Tubing	2-3/8" 4.6 ppg N-80	11200	11780		104	1.995	1.901	

Present wellbore condition

The well is currently producing: 64 bopd , 27 bwpd, and 220 Mcfd.
Under the plug: 31 oil, 84 gas, 64 water

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Procedure

1. MIRU WOR.

2. RU hot oiler unit (35' away from well head & Ensure pilot light is **OFF** when not in use) and pump hot water (or KCL) down backside to heat up tubing. Unseat pump and flush tubing & rods w/ hot water (Pump at least one tubing volume). POOH w/ rods & pump. Check all downhole equipment for presence of scale, rod-wear and bent or buckled rods. (Bleed casing down to flowback tanks and ensure casing gauge is reading correctly.)
    a. Note: (read 0 psi to ensure well is dead, call engineer to discuss if well not dead).
    b. Reservoir pressure is low due to depletion. Kill weight fluid should be 8.3 ppg or less field brine water.
    c. All ignition sources to be 35' away from wellhead/any hydrocarbon source.

3. Confirm tubing and casing are both dead. Remove tree. Pick up B-Flange and re-land tubing with perforated sub and tubing hanger. **NU 7-1/16" 5K double BOP and Washington head on top**. With a landing joint in the hanger, close the pipe rams and test BOP to 4,000 psi for 15 mins (hot oiler).
    a. Before step 3 can take place, the following requirements must be met.
        i. The consultant must have verbal communication with the completion operations supervisor about the step before moving forward.
        ii. Begin monitoring the hole for 30 minutes to allow any gas to migrate to surface.
        iii. Conduct a task specific JSA. All crews on location need to be aware of the operation that is about to take place. Personnel not necessary for the task to take place need to remove themselves from the work area. Personnel also need to make any preparations that will reduce the exposure time.
        iv. Consultant and rig pusher must perform ignition source hazard hunt to remove any possible ignition sources. The wind direction must be considered here.
        v. Keep the hole full. If the hole cannot sustain a column of fluid, keep fluid moving into the wellbore.
        vi. Prepare the studs by confirming that they are good and the nuts work freely. If necessary, use new studs/nuts to NU the BOP.

4. Pick up tubing to neutral and release TAC @ 7,735'. POOH with tubing as detailed below:

Tubing Anchor @ ~7,535'
4 jts 2-7/8" 6.5# L-80 8rd Tubing
2-7/8" X 2-1/4" X 40' Pump Barrel
Seating Nipple @ ~7,711'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jt 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ ~7,814'

Scan tubing for wear and lay down and replace any bad joints. Inspect BHA for scale or other issues (monitor casing pressure, ensure casing valve is open to monitor flow and make sure well is dead, call engineer to discuss if well is not dead).

5. PU 4-1/8" bit, 4-1/8" bit sub, ~3,050' 2-3/8" 4.7# 8rd L-80 and 2-7/8" 8rd L-80 tubing, TIH and clean out to PBTD @ 11,708'. Circulate bottoms up or until returns are clean.

6. POOH laying down/standing back necessary y 2-7/8".

7. PU & RIH with tubing BHA as shown below (Also see WBD). Hydrotest production tubing to 8,500 psi while RIH, lay down any bad joints. Space out and set TAC @ **8,475'** with 4' perf sub below

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tubing hanger. Space out so that anchor will have appropriate tension once 4' perf sub is removed.

a. If well shows signs of flowing, discuss omitting hydrotesting and landing tbg with breech-lock hanger.

Tubing Anchor @ ~8,475'
4 jts 2-7/8" 6.5# L-80 8rd Tubing
Seating Nipple @ ~8,600'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jt 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ ~8,700'

8. ND Washington head and BOP. PU & remove hanger and 4' perforated sub. Land tubing with B-flange with appropriate tension with 2-7/8" landing joint and TIW valve installed. Remove landing joint and NU Pumping tree. (2-7/8" nipple, Ratigan, pump tee, Ratigan). When NU the pumping Tee, the only barrier on the tubing side will be the fluid in the tubing.

a. For a short time the only barrier is fluid. Before this step can take place, the following requirements must be met.

i. The consultant must have verbal communication with the completion operations supervisor about the step before moving forward.
ii. Begin monitoring the hole for 30 minutes to allow any gas to migrate to surface.
iii. Conduct a task specific JSA. All crews on location need to be aware of the operation that is about to take place. Personnel not necessary for the task to take place need to remove themselves from the work area. Personnel also need to make any preparations that will reduce the exposure time.
iv. Consultant and rig pusher must perform ignition source hazard hunt to remove any possible ignition sources. The wind direction must be considered here.
v. Keep the hole full. If the hole cannot sustain a column of fluid, keep fluid moving into the wellbore.
vi. Prepare the studs by confirming that they are good and the nuts work freely. If necessary, use new studs/nuts to NU the Wellhead.

9. Install rod table/stripping table.
   a. Keep the hole full. If the hole cannot sustain a column of fluid, keep fluid moving into the wellbore.

10. PU & RIH w/ pump and rod assembly as shown below as per Rod Star design. Land in seating nipple, put on polished rod and double tag. Slack off and hang rods in neutral then lift rods appropriate length for stretch and clamp off. Test stroke pump with rig and hang off to make sure pump is not tagging.

ROD DETAIL @ 4.3 SPM
1-1/2" x 40' Polished Rod
3 - 1" EL Rod Subs (14')
~80 (2,000') - 1" EL Rods - slick
34 (850') - 1" EL Rods - w/ 4gpr
99 (2,475') - 7/8" EL Rods - w/ 4 gpr
114 (2,850') - 3/4" EL Rods - w/ 4 gpr
17 (425') - 1 1/2" Sinker "C" Bars
2-1/2" x 1-3/4 x 40' Insert Pump

11. RD & MO rig. Clean location. Turn well over to production.

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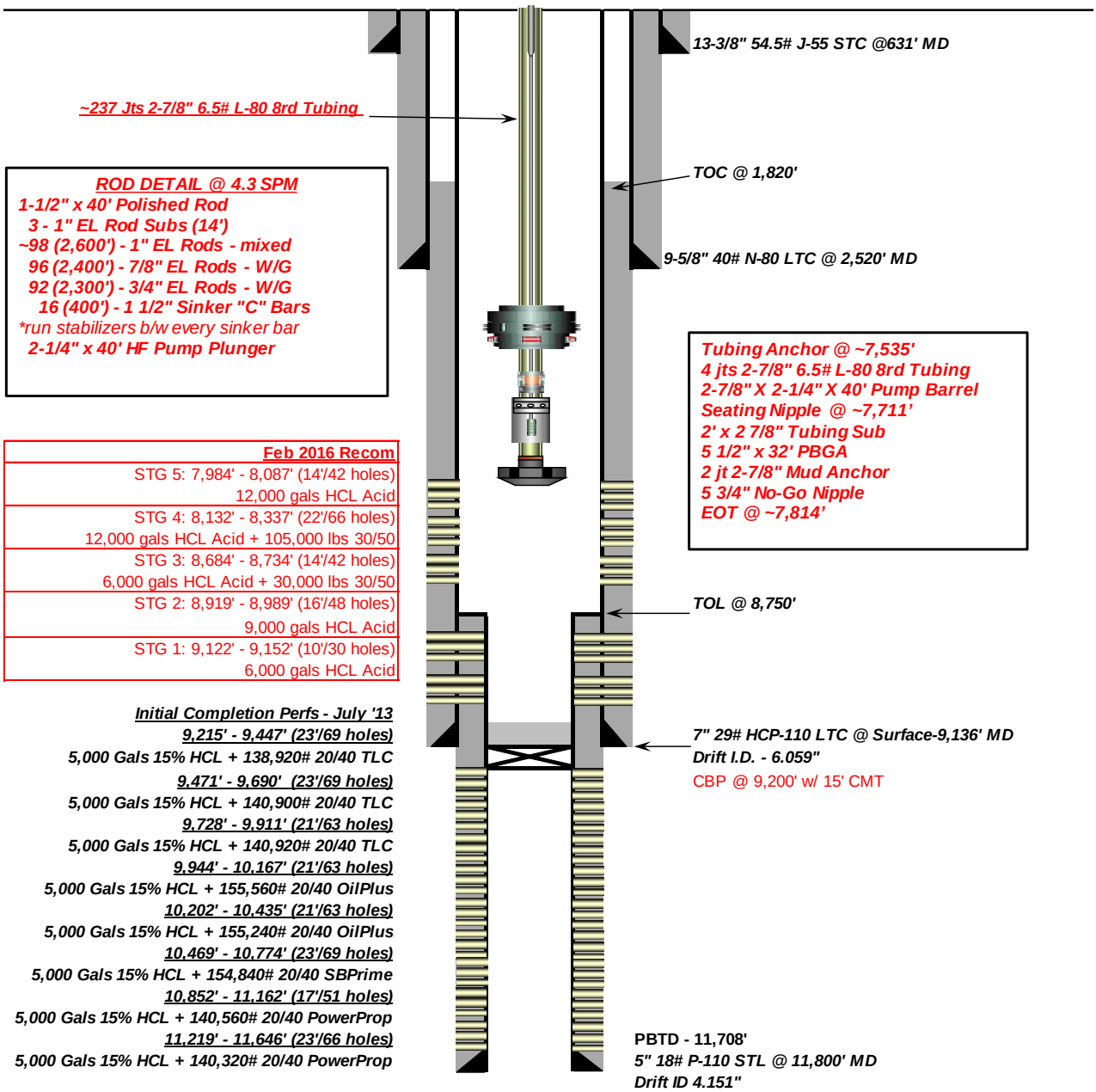
Current WBD:

EP ENERGY

Current Pumping Schematic

Company Name:	EP Energy	Last Updated:	6/7/2016
Well Name:	Haggard 2-16 C4	By:	Fondren
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	TD:	11,800'
Surface Location:	Lat: 40° 13' 25.94645" N Long: 110° 20' 44.30002" W	BHL:	
Producing Zone(s):	Wasatch	Elevation:	



Feb 2016 Recom
STG 5: 7,984' - 8,087' (14'/42 holes) 12,000 gals HCL Acid
STG 4: 8,132' - 8,337' (22'/66 holes) 12,000 gals HCL Acid + 105,000 lbs 30/50
STG 3: 8,684' - 8,734' (14'/42 holes) 6,000 gals HCL Acid + 30,000 lbs 30/50
STG 2: 8,919' - 8,989' (16'/48 holes) 9,000 gals HCL Acid
STG 1: 9,122' - 9,152' (10'/30 holes) 6,000 gals HCL Acid

Initial Completion Perfs - July '13
9,215' - 9,447' (23'/69 holes)
5,000 Gals 15% HCL + 138,920# 20/40 TLC
9,471' - 9,690' (23'/69 holes)
5,000 Gals 15% HCL + 140,900# 20/40 TLC
9,728' - 9,911' (21'/63 holes)
5,000 Gals 15% HCL + 140,920# 20/40 TLC
9,944' - 10,167' (21'/63 holes)
5,000 Gals 15% HCL + 155,560# 20/40 OilPlus
10,202' - 10,435' (21'/63 holes)
5,000 Gals 15% HCL + 155,240# 20/40 OilPlus
10,469' - 10,774' (23'/69 holes)
5,000 Gals 15% HCL + 154,840# 20/40 SBPrime
10,852' - 11,162' (17'/51 holes)
5,000 Gals 15% HCL + 140,560# 20/40 PowerProp
11,219' - 11,646' (23'/66 holes)
5,000 Gals 15% HCL + 140,320# 20/40 PowerProp

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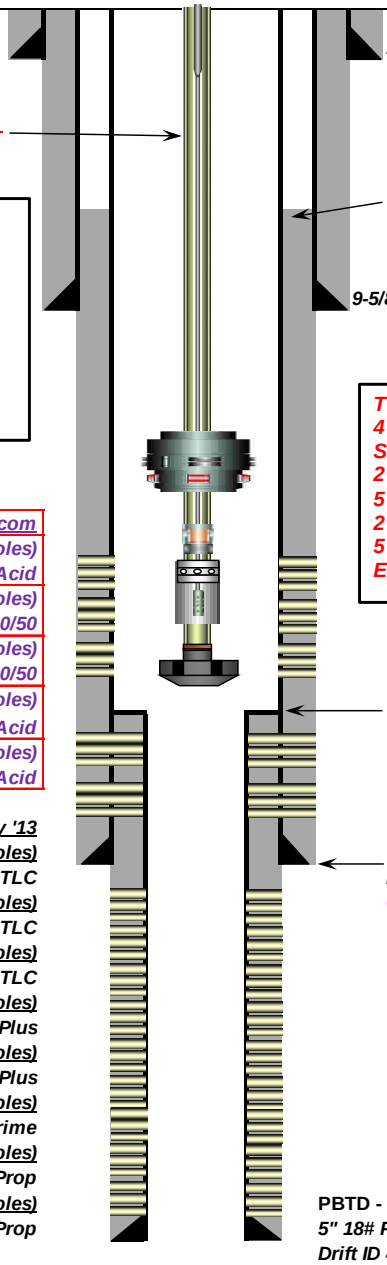
Proposed WBD:

EP ENERGY

Proposed Pumping Schematic

Company Name:	EP Energy	Last Updated:	11/29/2016
Well Name:	Haggard 2-16 C4	By:	Tomova
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	TD:	11,800'
Surface Location:	Lat: 40° 13' 25.94645" N Long: 110° 20' 44.30002" W	BHL:	
Producing Zone(s):	Wasatch	Elevation:	



13-3/8" 54.5# J-55 STC @631' MD

~265 Jts 2-7/8" 6.5# L-80 8rd Tubing

TOC @ 1,820'

9-5/8" 40# N-80 LTC @ 2,520' MD

ROD DETAIL @ 4.3 SPM
1-1/2" x 40' Polished Rod
3 - 1" EL Rod Subs (14')
~80 (2,000') - 1" EL Rods - slick
34 (850') - 1" EL Rods - w/ 4gpr
99 (2,475') - 7/8" EL Rods - w/ 4 gpr
114 (2,850') - 3/4" EL Rods - w/ 4 gpr
17 (425') - 1 1/2" Sinker "C" Bars
2-1/2" x 1-3/4 x 40' Insert Pump

Tubing Anchor @ ~8,475'
4 jts 2-7/8" 6.5# L-80 8rd Tubing
Seating Nipple @ ~8,600'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jt 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ ~8,700'

Feb 2016 Recom
STG 5: 7,984' - 8,087' (14'/42 holes) 12,000 gals HCL Acid
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STG 3: 8,684' - 8,734' (14'/42 holes) 6,000 gals HCL Acid + 30,000 lbs 30/50
STG 2: 8,919' - 8,989' (16'/48 holes) 9,000 gals HCL Acid
STG 1: 9,122' - 9,152' (10'/30 holes) 6,000 gals HCL Acid

TOL @ 8,750'

7" 29# HCP-110 LTC @ Surface-9,136' MD
Drift I.D. - 6.059"
CBP @ 9,200' w/ 15' CMT - removed Dec'16

Initial Completion Perfs - July '13
9,215' - 9,447' (23'/69 holes)
5,000 Gals 15% HCL + 138,920# 20/40 TLC
9,471' - 9,690' (23'/69 holes)
5,000 Gals 15% HCL + 140,900# 20/40 TLC
9,728' - 9,911' (21'/63 holes)
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10,469' - 10,774' (23'/69 holes)
5,000 Gals 15% HCL + 154,840# 20/40 SBPrime
10,852' - 11,162' (17'/51 holes)
5,000 Gals 15% HCL + 140,560# 20/40 PowerProp
11,219' - 11,646' (23'/66 holes)
5,000 Gals 15% HCL + 140,320# 20/40 PowerProp

PBTD - 11,708'
5" 18# P-110 STL @ 11,800' MD
Drift ID 4.151"

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Vendor Contact List

SERVICE	COMPANY	CONTACT	LOCATION	PHONE	Contract/MSA#
Cementing	Pro Petro	MD Martin	Vernal	435-789-7407	EPPC-MSA-1280
Cementing	BJ services	Darren Bailey	Vernal	435-790-0169	EPPC-MSA-700
Cementing	Halliburton	Zack	Vernal	435-789-2550	EPPC -MSA-205
Coil Tubing	Coil Tubing Services	John Partain	Rock Springs	307-382-0750	EPPC-MSA-384
Coil tubing	IPS		Rock Springs	307-371-0036	
Coil Motor & Mills	Thru Tubing Solutions	Rhys Wootan	North Dakota	701-839-80167	
Coil Motor & Mills	STI	Norm Powell	Vernal	435-790-0109	
Coil Motor & Mills	QES	Kent Barker	Rock Springs WY	307-362-9223	
Coil Motor & Mills	Weatherford	Andy	Vernal	435-828-8508	
Slick Line	Delsco	Chad Richard	Roosevelt	435-823-4134	EPEPC-MSA-1681
E-Line Services	Cutters	Dave Anderson	Vernal	435-789-4816	
E-Line Services	Cased hole solution	Arnie Esksund	Vernal	435-781-4192	EPEPC-MSA-1044
E-Line Services	Lone Wolf	Jon Bowden	Vernal	435-789-4815	
E-Line Services	Pioneer	Gary Murray	Vernal	435-724-2589	
E-Line Services	Perforators	Mitch Funk	Roosevelt	435-725-2344	
Logging	Protechnics	Glen	Vernal	505-330-9171	
Frac Tanks/2% KCl	Dalbo	Kent Henline	Vernal	435-823-7300	EPEPC-MSA-1327
Frac Tanks/2% KCl	CHI		Vernal	435-828-8778	
Frac Tanks/2% KCl	Rain for rent	Lynn Bell	Roosevelt	801-541-1661	EPPC-MSA-804
Heating	Action hot oil	Leon Richins	Roosevelt	435-722-2190	EPEPC-MSA-1226
Heating	Hot oil express	Tyson Christensen	Roosevelt	435-823-7716	
Heating	Willies hot oil	Ronnie Miller	Vernal	435-823-6215	EPEPC-MSA-1358
Office/Misc. Rentals	Action	Jeremy	Ballard	435-789-5224	
Office/Misc. Rentals	ROSS	Richard Ross	Roosevelt	435-823-0979	
Packers & Plugs	Baker		Vernal	435-789-5918	EPPC-MSA-551
Packers & Plugs	Nabors	Lee Slaugh	Roosevelt	435-823-0148	
Packers & Plugs	Weatherford	Tracy Neilson	Vernal	435-828-8142	EPPC-MSA-588
Rentals	H & S rental	Heavy Sursa	Bluebell	435-823-7300	
Rentals	Nabors	Lee Slaugh	Roosevelt	435-823-0148	EPEPC-MSA-1000
Rentals	Weatherford	Todd Logan	Vernal	435-789-0445	EPPC-MSA-588
Rentals	Weatherford	Rory Hatch	Vernal	435-789-0445	
Stimulation Sevices	BJ Services	Darin Baily	Vernal	435-790-0169	EPPC-MSA-700
Stimulation Sevices	Weatherford	Andrew Babey	Vernal	435-789-7121	
Stimulation Sevices	Platinum	Howard Gilman	Vernal	801-834-3061	
Water Trucking	Double B Trans	Bruce Jenkins	Altamont	435-828-6814	
Water Trucking	Hot oil express	Tyson Christensen	Altamont	435-823-7716	
Water Trucking	Shields Trucking	Joe Shields	Roosevelt	435-823-0231	
Water Trucking	RNI Inc	Zeke Zakurdy	Roosevelt	435-823-1203	
Water Trucking	Nebeker Trucking	Jim Nebeker	Roosevelt	435-823-6157	
Water Trucking	Oil Field Class	Leroy Sherwood	Roosevelt	435-823-5714	
Water Trucking	Single Shot	Byron Tomilson	Roosevelt	435-823-5038	
Rig Up Trucks	Jenkins Trucking	Ron Jenkins	Duchesne	435-722-7888	
Rig Up Trucks	Hagman Trucking	Jack Hagman	Roosevelt	435-828-0682	
Rig Up Trucks	Brough Trucking	Jim Brough	Roosevelt	435-722-1500	
Rig Up Trucks	Grizzly Trucking		Altamont	435-823-3375	
Fishing & Rentals	RBS Rentals	Gary Roher	Roosevelt	435-823-7278	
Fishing & Rentals	Weatherford Fishing	Office	Vernal	435-789-0445	
Fishing & Rentals	Triple H	Lou Hackford	Vernal	435-789-7444	
Fishing & Rentals	Four Star Fishing	Sam Wacker	Roosevelt	435-722-2310	

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Fishing & Rentals	Slaugh Fishing	Rick Robins	Vernal	435-781-1661	
Fishing & Rentals	Graco	Mike McCarley	Vernal	435-789-6804	
Flowback & Testing	Delsco	Chad Richard	Roosevelt	435-823-4134	
Flowback & Testing	BB Oilfied	Ben Birchell	Roosevelt	435-823-2917	
Flowback & Testing	C&J Cons	Jason Gilbert	Altamont	435-219-0077	
Flowback & Testing	Rig 1	Sean Lytle	Vernal	435-621-2727	
Roustabouts & Welders	RT Oilfield	Tim Thacker	Altamont	435-823-6683	
Roustabouts & Welders	SCI Oilfield Services	Cody Shiner	Altamont	435-823-6308	
Roustabouts & Welders	S&J Oilfield Service	Shad Fields	Roosevelt	435-823-3854	
Roustabouts & Welders	Lindsey Welding	Kim Lindsey	Altamont	435-823-6726	
Roustabouts & Welders	Straight Shot	Kim Blanchard	Roosevelt	435-823-6604	
Roustabouts & Welders	Robison Construction	Gary Robison	Roosevelt	435-823-6591	
Consultants	C&J Cons	Russell Pickup	Roosevelt	435-823-8742	
Consultants	C&J Cons	Eric Powell	Roosevelt	435-828-8596	
Consultants	C&J Cons	Chris Lloyd	Roosevelt	435-724-3266	
Consultants	C&J Cons	Skyler Atwood	Altamont	435-322-0295	
Consultants	Boone Cons	Matt Fillingim	Roosevelt	435-724-1154	
Consultants	Boone Cons	Mike Johnson	Roosevelt	435-823-5527	
Consultants	Boone Cons	Stewart Mortensen	Roosevelt	435-823-2065	
Field Nurse	Delsco	Jake Peatree	Vernal	435-219-0109	
Anchor Testing	Benco	Twane & Earl	Vernal	435-789-1244	
Electrician	GS Electric	Gary Sorensen	Altamont	435-823-5616	
Electrician	Jessen Electric	Dewey Jessen	Altamont	435-823-3978	
Cranes	B&G Crane	Jason Timothy	Altamont	435-823-6682	
Cranes	Valley Crest	Steve Iverson	Duchesne	801-262-0567	
Service Rigs	Nabors well service	Ray Morlan	Roosevevelt	435-823-6713	
Service Rigs	Peak Well Service	Tyler Lamb	Roosevelt	435-828-2524	
Service Rigs	Magna Well Service	Chad Vannest	Casper WY	970-867-9007	
Service Rigs	Basic Well Service	Lane Norton	Roosevelt	435-823-0224	
ESP Artificial lift	Shlumberger	Dean Aylett	Colorado	303-803-7122	
ESP Artificial lift	GE	Craig Coleman	Texas	303-253-5819	
ESP Artificial lift	Baker Hughes	Bob varcados	WY	970-903-7082	
Well head Protection	Stinger/ Oil States	Mike Holfeltz	Vernal	435-789-8115	
Rod Pumps	Weatherford	Bob Cambell	Roosevelt	435-722-0990	
Rod Pumps	National oilwell	Bennie Van	Roosevelt	435-724-0173	

Agency Contact List

AGENCY	CONTACT	OFFICE	CELL
DOGM	Dustin Doucet	801-538-5281	
DOGM	Dennis Ingram	435-722-3417	435-722-7584
BLM	Ryan Angus	435-781-4430	435-828-7368
BLM	Bill Owens	435-781-4498	435-828-7630
BLM	Ray Arnold	435-781-4485	435-828-7499
BIA	Bucky Secakuku	435-722-4331	
BIA	Bruce Pargeets	435-725-4999	
BIA	Fax	435-722-2323	

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Safety, Compliance and Administrative

1. Pre-job

- Verify that all tree valves are functioning properly.
- Record SITP and SICP and report to Project Engineer.
- Hold pre-job JSA and document on Open Wells report to ensure all personnel are oriented on EP Energy safety standards, job procedures, each person's role in the job, and over all safety standards.
- Ensure that a copy of the "Open Hole Log" and a copy of the "Cased Hole Log" is available to the Well Site Supervisor

2. Billing procedures

- All field tickets will be signed by the Well Site Consultant
- All tickets will be mailed to the address below:
- Attention:
  c/o EP Energy
  17790 West 3750 North
  Altamont, UT 84001

3. Ordering equipment

- All equipment, personnel and services will be ordered by the Well Site Supervisor utilizing the preferred vendor list. Project Engineer can/will also order out specialized equipment as needed.

4. Daily reports

- JSA's will be completed on every job **and** when the job scope changes.
- Completed accurate Open Wells report will be filled out by 6:30 A.M Central Time daily on every job.
- Observations will be recorded and sent to troy.anderton@epenergy.com for entry into Tracker system.

5. Accident Reporting

- **All** accidents will be reported to the Operations Supervisor immediately. If he is not available, the Project Engineer will be notified and the Cased hole Supervisor will be notified.
- **All** accidents and incidents will be documented on the EP Energy Tracker form and E-mailed to the Operations Supervisor, Project Engineer and Cased Hole Manager.

6. Personnel Qualifications

- If applicable, Well Site Supervisors and/or onsite EP Energy representatives shall require all personnel to fill out the appropriate section of the Personnel Qualification form.
- Well Site Supervisors shall ensure that all personnel on location are qualified and trained as required. If the subject personnel are not qualified, ensure that a replacement is sent to location immediately.

7. Changes

- Any and all changes to procedures and/or vendors will be confirmed by the Project Engineer prior to the changes taking place.

8. Stop Work Authority

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- Ensure that at all safety, JSA and procedural meeting on location that all personnel are aware that if an unsafe condition exists, the job can be shut down and that the authority is vested in each individual when that individual sees an unsafe condition.
- The condition should be brought up the chain of authority and finally to the Engineering Manager. Once the unsafe condition is investigated onsite and corrected, the job will continue and operations deemed safe. If the condition cannot be engineered out, discuss the situation with the Project Engineer for resolution.
- While everyone on the job has the right to stop work for safety conditions, everyone also has the responsibility to help determine how to safely proceed with the work to complete the job.

9. Equipment

- Take time to ensure that unnecessary equipment is released as soon as practical. Take into account:
  - Safety
  - Weather conditions
  - Job progress
  - Cost and mob cost

10. Third Party Tickets

- Any 3rd party work or material that you are receiving and will be billed direct to EP Energy, the Delivery Tickets should be forwarded with your delivery tickets to location for the Wellsite Supervisor to approve and code.
- Invoices will not be approved or processed without the wellsite supervisor's approval of delivery tickets

11. Cased Hole Responsibilities

- A JSA has to be completed on every job every day **and** when the job scope changes prior to the work being started.
- Observations shall be recorded and sent to Cased Hole Supervisor.
- Observations from other service parties discussed in daily/morning meetings
- Dims report to be submitted at least by 6:30 A.M. Central Time. Daily for every job.
- Communicate with project Engineer daily and when scope of job changes.
- Discuss all discrepancies with Cased Hole Supervisor as they occur for guidance to resolve BOP testing. Follow up with an E-mail to Cased Hole Supervisor on the BOP testing results.
- Be proactive in suggestions when the procedure changes. Have ideas on how to accomplish task.
- **All BHA's** shall be measured, callipered and recorded prior to running assembly in hole.
- Ensure that preferred venders list is being followed. If changes are needed, get approval first.
- Any leaking valve, leaks or spills will be reported to the Cased Hole or Production Supervisor.
- Report **any and all incidents to include but not limited to (injuries, fires and etc.)** to Cased Hole Supervisor immediately. If he is not available contact the Production Supervisor next and the Project Engineer if he is not available.

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